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# HANDBOOK



[www.qut.edu.au](http://www.qut.edu.au)

***Gardens Point Campus***

2 George Street  
Postal Address: GPO Box 2434, Brisbane Q 4001  
Telephone: 07 3864 2111  
Fax: 07 3864 1510

***Kelvin Grove Campus***

Victoria Park Road, Kelvin Grove, Brisbane  
Postal Address: Victoria Park Road, Kelvin Grove Q 4059  
Telephone: 07 3864 2111  
Fax: 07 3864 3998

***Carseldine Campus***

Beams Road, Carseldine, Brisbane  
Postal Address: Beams Road, Carseldine Q 4034  
Telephone: 07 3864 2111  
Fax: 07 3864 4999

***CRICOS Institution Code***

00213J

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## Section One

# General Information

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## HISTORY

The Queensland University of Technology (QUT) was created in January 1989 by redesignation of the Queensland Institute of Technology (QIT). However, QUT's origins go back to the beginning of technical and teacher education in Queensland when the Brisbane School of Arts was established in 1849. QIT had its origins in the Central Technical College, which was established in 1914 on what is now the University's Gardens Point campus. On its formation in 1965, QIT absorbed the professional courses offered by the Central Technical College and in its first year enrolled some 2000 part-time students.

In May 1990, QUT amalgamated with the Brisbane College of Advanced Education (BCAE), a large multi-campus institution specialising in the arts, business, education and the social sciences. BCAE was formed by an amalgamation that took place in January 1982, its precursors being the Kelvin Grove, Mount Gravatt and North Brisbane Colleges of Advanced Education and the Brisbane Kindergarten Teachers' College. These institutions were established, under other designations, in 1914, 1969, 1961 and 1907 respectively. The Mount Gravatt campus of BCAE was transferred to Griffith University in January 1990 prior to BCAE commencing amalgamation negotiations with QUT.

The institution resulting from the amalgamation of BCAE with QUT has retained the title Queensland University of Technology. It is a major university in the Australian context with a broad academic profile and an increasing involvement in research and postgraduate education. QUT has an enrolment of over 39,000 students and expectations of sustained growth. It currently has campuses at Carseldine, Kelvin Grove and Gardens Point, all in metropolitan Brisbane.

## MISSION

Within its mission statement QUT has identified three main goals:

### **Teaching**

To ensure that QUT graduates possess knowledge, professional competence, a sense of community responsibility, and a capacity to continue their professional and personal development throughout their lives.

### **Research**

To advance and apply knowledge germane to the professions and to the communities with which QUT interacts, and relevant to the enhancement of economic, cultural and social conditions.

### **Service**

To contribute to the development of Australia's international responsibility and competitiveness, to enhance QUT's relationship with the professions, and to increase community awareness of issues through professional service and social commentary.

QUT's planning framework comprises three levels of planning:

- Institutional plan (QUT Blueprint)
- Top level plans
  - Research and Innovation
  - Learning and Teaching
  - People and Culture
  - Finance and Infrastructure
- Faculty and Divisional plans.

## INFORMATION

In addition to the Handbook, the University produces a range of publications which the public can access. These include the Research and Consultancy Report, the Annual Report and the University's Manual of Policy and Procedures (MOPP). These publications are available in the University's libraries or may be obtained, on request, from the Registrar. The Annual Report and the MOPP are also accessible via QUT's website at [www.qut.edu.au](http://www.qut.edu.au).

All correspondence should be addressed to:  
 The Registrar  
 Queensland University of Technology  
 GPO Box 2434  
 Brisbane Qld 4001  
 Australia

QUT is subject to the *Queensland Freedom of Information Act 1992* which commenced on 19 November 1992.

## ORGANISATIONAL STRUCTURE

The QUT organisational structure consists of the Chancellery, eight faculties, QUT Carseldine, and five divisions. Some courses are taught at Caboolture.

The faculties are:

- Built Environment and Engineering
- Business
- Creative Industries
- Education
- Health
- Information Technology
- Law
- Science.

The divisions are:

- Administrative Services
- Finance and Resource Planning
- Information and Academic Services
- International and Development
- Research and Advancement.

## PRINCIPAL DATES

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### PUBLIC HOLIDAYS 2005

3 January	New Year's Day
26 January	Australia Day
25 March	Good Friday
26 March	Easter Saturday
28 March	Easter Monday
25 April	ANZAC Day
2 May	Labour Day
13 June	Queen's Birthday
17 August	Royal National Show
28 December	Christmas Day
27 December	Boxing Day

### SEMESTER 1, 2005

28 February-4 March	Week 1
7-11 March	Week 2
14-18 March	Week 3
21-25 March	Week 4
28 March-1 April	Vacation
4-8 April	Week 5
11-15 April	Week 6
18-22 April	Week 7
25-29 April	Week 8
2-6 May	Week 9
9-13 May	Week 10
16-20 May	Week 11
23-27 May	Week 12
30 May-3 June	Week 13
6 June	Classes in lieu of Good Friday Holiday
7 June	Classes in lieu of Anzac Day Holiday
8 June	Classes in lieu of Labour Day Holiday
6-10 June	Exam Preparation
11-18 June	Exams
20-25 June	Exams
27-28 June	Exams
4-8 July	Vacation
11-15 July	Vacation

### SEMESTER 2, 2005

18-22 July	Week 1
25-29 July	Week 2
1-5 August	Week 3
8-12 August	Week 4
15-19 August	Week 5
22-26 August	Week 6
29 August-2 September	Week 7
5-9 September	Week 8
12-16 September	Week 9
19-23 September	Week 10
26-30 September	Vacation
3-7 October	Week 11
10-14 October	Week 12
17-21 October	Week 13
24 October	Classes in lieu of Royal National Show Holiday
24-28 October	Exam Preparation
31 October-5 November	Exams
7-12 November	Exams
14-19 November	Exams

### SUMMER PROGRAM 2005/2006

21-25 November	Week 1
28 November-2 December	Week 2
5-9 December	Week 3
12-16 December	Week 4
19-23 December	Week 5
26-30 December	Vacation
2-6 January 2006	Week 6
9-13 January	Week 7
16-20 January	Week 8
23-27 January	Week 9
30 January-3 February	Week 10
6-10 February	Week 11
13-18 February	Week 12/Examinations
20-25 February	Examinations/Orientation Week
27 February	First semester 2006 commences

## COUNCIL

Composition, membership, powers and responsibilities of QUT Council are governed by the QUT Act 1998 (see MOPP Appendix 1). Procedures for regulating the University's committee system, including conduct of business by Council, are detailed in Council Procedure 1 — Committees (see MOPP Appendix 2).

QUT Council comprises senior members of the professions for which QUT prepares graduates; appointees from higher education, government, commerce and industry; elected staff, students and members of Alumni, and the University's chief executive officer. Council is responsible for the good governance of the University.

Council is empowered to establish committees and to delegate power to committees or officers of the University. While Council is ultimately responsible for the management and operation of QUT, it has delegated authority to the chief executive officer, the Vice-Chancellor, and to various senior administrators of QUT for much of the day-to-day management of the University (see MOPP Appendix 3). Council has also established a number of committees, some of which have been authorised to make decisions in respect of prescribed policy and procedural matters.

### COUNCIL MEMBERSHIP (AS AT 21 NOVEMBER 2004)

#### Chancellor (Chair)

Major General P. (Peter) Arnison, AC, CVO (Retd), BEc DLaws *Qld*, DUniv *QUT*, DUniv *Griff*, DLetters *S Qld*, FAICD, ASIA

#### Vice-Chancellor

Prof P. (Peter) Coaldrake, BA(Hons) *James Cook*, PhD *Griff*, FAIM, FRIPAA

#### Nominees of the Minister for Education

Dr T. (Terry) Cutler, BA(Hons) *Melb*, PhD *NSW*, DUniv *QUT*. Principal, Cutler & Company Pty Ltd

Mr K. (Keith) Hilless, BE(Elec) *Qld*. Chairman, Ergon Energy

Mr S. (Stephen) Keim, BA LLB(Hons) *Qld*. Barrister

Ms C. (Carolyn) Male MP, DipT. State Member for Glasshouse

Dr E. (Elizabeth) Mellish, EdD (Leadership) *QUT*. Director, Mellish and Associates

Mr C. (Chris) Sarra, DipTeach BEd MED *QUT*. Principal, Cherbourg State School

Ms U. (Ushci) Schreiber, BA, GCM. Deputy Director-General, Policy Division, Department of the Premier and Cabinet

Ms R. (Rosemary) Vilgan, BBus *QUT*. Chief Executive Officer, Government Superannuation Office

#### Nominee of the Director-General of Education

Mr N. (Neil) Whittaker, BComm *James Cook*, CertCivEng *QIT*. Assistant Director-General, Office of Resource Services, Education Queensland

#### Nominees of Council

Vacant

Vacant

#### Elected Professional Staff Members

Mr M. (Martin) Waterworth, BSci *Lond*. Division of Technology, Information and Learning Support

Ms D. (Denise) Redfern, BA *W Aust*, Hons *UCQ*, DipEd *Syd*, GradCert(Services Comm) *C Qld*. Faculty of Built Environment and Engineering

#### Elected Academic Staff Members

Dr R. (Bob) Cope, CertT *Sydney TC*, BEd(Hons) *James Cook*, MEdSt *Qld*, PhD *QUT*. Faculty of Education

Mr R. (Ross) Daniels, BA(SocWk) BA(Econs) MSPD *Qld*. School of Humanities and Human Services, QUT Carseldine

Prof J. (John) Gough, MSc PhD *Well*. Faculty of Information Technology

#### Elected Student Members

Vacant

Vacant

#### Elected Alumni Members

Mrs M. (Marie-Claire) Grady, AssocDipBus(Mgt) AssocDip-Bus(Marketing) *Tafe Qld*, BBus(HRM) MBus *QUT*. Consultant, SMS Management & Technology

Dr G. (Graham) Drummond, Dip(C Eng) GradDip(BusAdmin) DUniv *QUT*. Professional Director

#### Secretary

Dr C. (Carol) Dickenson, BBus *QIT*, PhD *Qld*. Registrar

#### Deputy Vice-Chancellor, Academic (attends by invitation)

Prof D. (David) Gardiner, BA LLB LLM(Hons) *Syd*. Deputy Vice-Chancellor

#### Tenure

Council serves a three-year term from 21 November 2004.

## COMMITTEES

QUT committees form the major decision-making structure of the University and student representation is provided for on both University and faculty committees. The major University committees that have student representation as part of their membership are:

- Academic Policy and Procedures Committee
- Appeals Committee
- Community Service Advisory Committee
- Cultural Diversity Committee
- Disability Services Committee
- Equity Awards Committee
- Equity Board
- Outstanding Contribution Award (Academic Staff) Committee
- Outstanding Contribution Award for Professional Staff Committee
- QUT Council
- Teaching and Learning Committee
- University Academic Board
- University Health and Safety Committee

QUT encourages student representation on the above committees. If you are interested in finding out more information about University committees contact the Secretariat on 07 3864 2380. If you wish to find out how to become a student representative member of any of the above committees contact the Student Guild on 07 3864 1666.



## CHANCELLERY

*Vice-Chancellor:* Professor O.P. Coaldrake, BA(Hons) *James Cook*, PhD *Griff*, FAIM, FRIPAA

*Deputy Vice-Chancellor (Academic):* Professor D.G. Gardiner, BA LLM(Hons) *Syd*

*Director, Academic Policy and Programs:* Dr D.W. Field, BSc(Hons) PhD *Adel*, DipT *Adel CAE*, FAIP

*Director, Efficiency and Audit:* S. Patel, BA(Acctg) *S Pacific*, CPA

*Director, Marketing and Communication:* P.H. Hinton, BA *Qld*  
*Manager, Oodgeroo Unit:* V. Hart

## DIVISION OF ADMINISTRATIVE SERVICES

*University Registrar and Head, Administrative Services:* Dr C. Dickenson, BBus *QIT*, PhD *Qld*

*Director, Student Support Services:* R.P. Morley, BBus *QIT*, MAdmin *Griff*

*Director, Student Business Services:* K. Grgic, BA GradDipEd *Adel*, GradDipLib *S Aust* *Institute of Technology*, MAppSci *C Sturt*, AFAIM, MAHRI

*Director, Human Resources:* G. MacAulay, BBus GradCert (Mgmt) GradDipBusAdmin(Distinction) *QUT*

*Associate Director, Human Resources Client Services:* W. Ryan, BSc(Hons) *Qld*, MBus(Mgt) *QUT*

*Associate Director, Human Resources Health and Safety Advisory Services:* S. Lusan, DipAppSci(ComNursing) BBus(Comm)(Distinction) *QIT*, MPhil (Qual) *Griff*, RN, RM

*Director, Facilities Management:* M. Frowd, BEng(Hons) *QIT*, MEngSc *Mon*, MEngSc *QUT*, GradDipMgtStud *RAAFC*, GradDipMgt *Deakin*, FIEAust, CPEng

*Associate Director, Campus Services (Gardens Point/Kelvin Grove/Carseldine):* D.W. Spann, BA *Qld*

*Associate Director, Major Projects:* A. Madan, BArch *New Delhi*, GradDipProjMgt *QUT*, MAIPM

*Associate Director, Operations:* A. Perrau, BEng(Hons) *Newcastle(NSW)*

*Associate Director, Capital Works:* B. Fenn, BSc *Birm*, MBA *Qld*

*Manager, Publications:* I.A. Wynne

*Manager, Secretariat:* S. Johnstone, BA *ANU*, DipConEd *NE*

*Coordinator, Equity:* M.A. Kelly, BA DipEd *Qld*

*Student Ombudsman:* Dr N. Bofinger, BSc *UNE*, PhD *Qld*, GradDipCompSci *QUT*

## DIVISION OF FINANCE

### AND RESOURCE PLANNING

*Executive Director, Finance and Resource Planning:* P.G. Sullivan, BBus *Brisbane CAE*, FCPA

*Director, Financial Services:* T.A. Leighton, BBus(Acctg) *Brisbane CAE*, FCPA

*Associate Director (Acting), Corporate Performance:* P. Alner, BInfoTech *Griff*, GradDipComm MBus(CommSt) *QUT*

*Associate Director (Acting), Financial Management:* L. Sharman, MBA *QUT*, BComm *Qld*, CPA

*Project Director, Kelvin Grove Urban Village:* S.W. Pincus, BSc *Griff*, GradDipAppEcon *Canberra*

*Associate Director, Strategic Information and Analysis:* P. Watson, BAdmin(Mktg) *Griff*

## DIVISION OF TECHNOLOGY, INFORMATION AND LEARNING SUPPORT

*Deputy Vice-Chancellor — Technology, Information and Learning Support:* T. Cochrane, BA *Qld*, MPhil *Griff*, AALIA

*Director, Information Technology Services:* N. Thelander, CMACS, PCP

*Director, Library Services:* G.M. Austen, BA(Hons) *Melb*, DipLib *Canb*, MBA *Qld*, AALIA

*Director, Teaching and Learning Support Services (TALSS):* N. Carrington, DipTeach *Griff*, GradDipResTeach *QUT*, MEd (SpecEd) MEd (Guid & Couns) *James Cook*, PhD *NE*

*Associate Director, Learning and Teaching Capabilities, TALSS:* H. Goss, DipTeach(Maths/Sci) *Mt Gravatt CAE*, BAppSci (CompSci) *QCU*, MACS, PCP

*Associate Director, Learning and Teaching Resources, TALSS:* A.M. Brown, BA *Melb*, DipEd *Rusden*, MEd *S Aust*

*Associate Director, Learning and Teaching Environments, TALSS:* G. Mitchell, BInfoTech(Hons) GradCertHigherEd *Griff*, PhD *Well*

*Associate Director (Acting), Learning and Teaching Development, TALSS:* A. Grenfell, BSc(Hons) DipEd PhD *Qld*

*Associate Director, Corporate Information Services:* J. Dascoli, BA *CU*

*Associate Director and Manager, Network Services:* R.A. Gorham, BE(Hons), DipCompSci *Qld*, MBA *Deakin*, MACS, AIMM

*Associate Director, Library Services, Development:* J. McCarthy, BA *Qld*, DipLib *NSW*

*Associate Director, Library Services, Information Resources:* C. Young, BA *Qld*, AALIA

## DIVISION OF RESEARCH AND COMMERCIALISATION

*Deputy Vice-Chancellor, Research and Commercialisation:* Professor A. Sharma, MSc *BITS*, PhD *SUNY Buffalo*

*Director, Research and Research Training:* Professor R.C. Wissler, BA(Hons) PhD *Qld*

*Manager, Office of Commercial Services:* C. Melvin, BBus(Mgmt) *QIT*, MBA *Qld*

*Manager, Office of Research:* Vacant

## DIVISION OF INTERNATIONAL AND DEVELOPMENT

*Deputy Vice-Chancellor, International and Development:* Professor S. Harding, BSc(Hons) *ANU*, MPubAdmin *Qld*, PhD *North Carolina*, FAICD, FAIM

*Director, International College:* E. McDade, TDipCom *Strath*, TCert *Jordanhill*, BEdSt *Qld*, MAcc *C Sturt*

*Director of Studies, University Entry Programs:* Vacant

*Director of Studies, English Language Programs:* I. McGregor, BA *Griff*, GradDipEd PGDipSocSc *Qld*, MEd (TESOL) *NE*

*Executive Director, QUT International:* S. Sheppard, BA *Griff*

*Director, International Policy and Communication:* H. Cook, BA DipEd MEd *Qld*, GDip BA *BCAE*

*Director, Program Development:* G. Edmondson, BA *Griff*

*Director, International Relations:* K. O'Brien, MA *Trinity*

*Director, University Advancement and Alumni:* S. Garske, BBus(Com) MBA *QUT*

*Director, Precincts:* Professor P. Lavery, BA DipEd *Qld*, DipD *Brist*, MLitt *NE*

The University may award medals known as Queensland University of Technology Medals to graduands of certain courses who have achieved an exceptionally high level of performance in their studies.

Eligibility to be considered for the award of a University Medal will be limited to:

- graduands of honours degrees where performance in the related bachelor degree is also taken into account
- graduands of degrees with honours, including components of double degree programs where awards with honours are made
- graduands of bachelor degrees of at least three years normal duration where no honours award is available, including relevant components of double degree programs where no honours award is available.

In completing one of the above degrees, graduands must have been enrolled at QUT for at least two years of full-time study or equivalent.

For graduands of double degrees, University medals are awarded as appropriate for each of the component degrees.

For the award of a medal, a graduand should have reached a distinguished academic standard based on a grade point average in all units and in a thesis where such is required. The standard should be at a higher level than would normally be expected from an excellent graduand. The medal should be testimony that the recipient not only shows exceptional academic promise at the time of the award, but also exhibits a distinguished record of achievement throughout the whole of the degree.

Because the University Medal is awarded only for outstanding achievement, University Academic Board has indicated as a guide to faculties that the proportion of graduands who may receive medals in any year should normally be not more than one per 200 bachelor-level graduands (or part thereof) per faculty. It is possible that in some years faculties would choose not to recommend a medallist.

The award is a silver medallion, suitably embossed and inscribed, together with a certificate attesting the award. The medallion is 5.5 centimetres square with rounded corners. The QUT logo is embossed one side and the reverse carries an inscription citing the year of the award and the name of the awardee. Further details may be placed on the certificate.

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## ACADEMIC AND STUDENT SUPPORT SERVICES

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### Careers and Employment

Careers and Employment (C&E) assists enrolled students and recent graduates to make informed course and career decisions in order to reach their employment goals.

The C&E Website (<http://careers.qut.edu.au>) is accessible to all QUT students and staff and provides:

- immediate, international, graduate and vacation job listings
- graduate destinations
- employment preparation information
- career planning website
- links to useful websites
- international discussion forum
- employer listings
- on-line resume builder
- workshops schedule
- career mentor scheme information
- online employer services

Other services to assist with employment preparation include:

- 24-hour resume checking service
- career counselling
- international career counselling
- employment preparation workshops
- career mentor scheme
- careers fairs
- career resource centres

Web: <http://careers.qut.edu.au>

Email: [careers@qut.edu.au](mailto:careers@qut.edu.au)

Carseldine

Level 3, C Block (Student Centre)

Phone: 07 3864 4831

Gardens Point

Level 2, U Block

Phone: 07 3864 2649

Kelvin Grove

Level 4, C Block

Phone: 07 3864 3656

### Chaplaincy

The University caters for the emotional and spiritual needs of students through the provision of chaplaincy services. The chaplaincy centres are ecumenical and, although the chaplains represent the major Christian denominations, they are also available to people of other religions. The chaplains are available at any time and are happy to discuss matters of a spiritual, religious, ethical or personal nature.

A chapel is available at the Gardens Point and Kelvin Grove campuses for quiet prayer, worship services and prayer meetings. The centre has a room with tea and coffee making facilities and is a good place in which to meet friends and make new ones. At Gardens Point, there is also a Muslim Mosque in rooms adjacent to the main chaplaincy rooms.

At Carseldine campus, the chaplain conducts weekly visits and ecumenical services as well as periodic Catholic Mass.

Chaplaincy Service locations:

Carseldine      Room C310

Gardens Point      Old Government House

(near entrance to the Library and U Block)

Kelvin Grove      Room A131 (ground floor near the Library)

You can also contact the chaplain on 07 3864 2086, mobile 041 464 2700 or email: [bj.clarke@qut.edu.au](mailto:bj.clarke@qut.edu.au)

### Computing and Technology Services

The **Student Computing Guide** covers essential computing information for QUT students. The guide is available on the web at [www.scg.qut.edu.au](http://www.scg.qut.edu.au). Details on finding student computer labs, using email, setting up your computer passwords etc can be found in this guide.

**QUT Virtual** is a large, integrated database that contains information relating to QUT students and their courses. Each student has a personal profile within QUT Virtual which displays information personalised to them. QUT Virtual is accessed using your QUT Access username and password. More information is located on the Student Computing Guide web site.

Features found within QUT Virtual include:

- online continuing and change to enrolment forms
- class timetables
- class allocations
- unit outlines
- booklists
- library borrowing information
- Internet access quota balances and usage history
- exam timetables
- exam results and academic history

QUT Virtual is located at: <https://qutvirtual.qut.edu.au>

**Internet access:** Each semester QUT provides students with a free Internet Access Service allocation to cover educational needs. Details about accessing and using the Internet through QUT can be found at <https://ias.qut.edu.au/>.

**Email:** All students are given access to the QUT student email service.

The student email service is accessed and used through the World Wide Web. Webmail is located at <http://email.qut.edu.au>. More information about using email at QUT is available at [www.scg.qut.edu.au](http://www.scg.qut.edu.au)

**Student Computing Helpdesk:** This service provides phone support for students using QUT's computing systems, needing to change passwords etc. Phone 07 3864 2898.

**Student Computing Labs:** Students can access the Internet, email, databases, lecture notes, tutorials and much more in the central student computing labs on each campus. Lab advisors are on hand in some central labs to provide assistance.

**Audiovisual Equipment:** Students have access to video camcorders, still cameras, mini-disk recorders, video projectors and a range of other equipment through the Audiovisual Services outlets at each campus. Studio and video duplication, video conversion, video editing and audio recording are also available. (In most cases prior approval from your lecturer is required. Hire fees apply without this approval).

## Counselling Service

Through offices on each of the campuses, the Counselling Service provides professional, confidential and free counselling to students. Students are welcome to contact the Counselling Service to make use of the services listed here.

**Personal counselling:** The Counselling Service provides opportunities for students to discuss, in confidence, issues and concerns including personal development/growth, relationship/family difficulties, stressful situations, grief, personal concerns, study and course difficulties.

**Welfare and advocacy:** The Counselling Service offers information, advisory, advocacy and referral services on a range of matters including finance, AUSTUDY, loan schemes, QUT rules, procedures and policies.

**Probation or withdrawal:** Students placed on probation or considering withdrawal from their course are strongly advised to discuss issues related to this situation with a counsellor.

**Workshops:** A range of personal development workshops is offered through the service. Details of these may be obtained from the Counselling Service on each campus.

**Appointments:** Students wishing to make an appointment should telephone or visit the Counselling Service at the campus most convenient to them. Appointments are available in two forms. A walk-in service of short appointments is available daily at each campus (note that Carseldine counselling service is only open Monday to Wednesday during semester). Longer appointments of 50 minutes are available for students who require more time.

Counselling Service locations:

Carseldine      Level 2, C Block

Phone: 07 3864 4539

Gardens Point    Level 1, Community Building

Phone: 07 3864 2383

Kelvin Grove    Level 4, C Block

Phone: 07 3864 3488

Web:              <http://www.counselling.qut.edu.au/web/>

## Equity Programs and Services

QUT strives to support cultural and social diversity in our student body by providing a learning environment which:

- promotes the principles of equity and social justice
- is inclusive and supportive of people from all backgrounds
- is free from discrimination and harassment.

QUT provides a range of support programs to help remove barriers to success faced by some students, including:

- students from low income backgrounds: admission, orientation and support services through the Q-Step Program. Phone 07 3864 3731;
- Aboriginal students and Torres Strait Islander students: admission, orientation and support services coordinated by the Oodgeroo Unit. See page 15 of this guide for information on services and look out for details on Aboriginal and Torres Strait Islander pre-orientation activities in the Orientation Program;
- people from non-English speaking backgrounds: language and learning skills support provided by International Student Services. See page 28 of this guide for more information;
- women studying in built environment or engineering: services and support provided through the Women in Built Environment and Engineering (WIBEE) Program. Phone 07 3864 2849;
- people with disabilities: assistance and support coordinated, or negotiated, by the Disability Officer. Refer to the Enrolment Guide and contact the Equity Section or visit [www.qut.edu.au/admin/equity/disability](http://www.qut.edu.au/admin/equity/disability) for a copy of the Guide for Students with Disabilities; and
- students who have experienced educational disadvantage: a support program for Human Services students who have experienced disadvantage from a disability, for example, or who are from a non-English speaking background. Phone 07 3864 4537.

## Health Service

Health and medical services are provided for all QUT students by nurse practitioners and doctors located on all campuses. Nurse practitioners are available to provide first aid treatment of injuries and acute illnesses occurring on campus. As well as routine medical services, the Health Service provides minor surgery including the removal of warts, moles and sunspots. Pathology services and vaccinations are also available. "Well women" care includes smear tests, contraceptive advice and pregnancy testing, together with offering general health information and lifestyle advice.

Please contact the Health Service on your campus to arrange consultations with nurses and/or doctors. Opening hours vary on each campus.

Gardens Point Y Block

Phone: 07 3864 2321

Kelvin Grove C Block

Phone: 07 3864 3161

## Library

The QUT Library has a branch on each campus, plus the Law Library at Gardens Point. Each branch has specialised collections to support the subject disciplines taught at that campus.

For assistance in using the Library, searching for information or using electronic resources, consult staff at the information desk. Information sheets and subject pathfinders are also available.

**The QUT Library Website:** This is a great place to start your search for information, [www.library.qut.edu.au](http://www.library.qut.edu.au), or follow the Library link from the QUT home page. It provides 24-hour access, from on and off campus, to the Library catalogue, databases, ejournals, eReserve (electronic copies of lecture notes and handouts) and Internet resources.

**Borrowing from QUT Library:** The QUT Library collection includes a wide range of materials in a variety of formats, from books and periodicals to videos, computer software, audiovisual materials, CDs and CD-ROMs. Most items, except for periodicals, are available for loan. Loan periods range from one day to four weeks.

You can borrow in person from other branch libraries, or request an intercampus loan, where the item is sent to your branch library to be picked up. For books use the "hold" option in the Library catalogue. For journal articles and videos, use the forms available from the Document Delivery desk at each branch.

If an item you require is on loan, you can use the Library catalogue to request a hold on the item. You will be emailed when it is returned and ready to be collected from your branch library.

QUT Library operates a penalty points system to encourage the prompt return of material. All library notices are emailed to your QUT email account, so check it regularly.

**Self Service Options:** You can stay informed about your loans by using the catalogue self service options. Select the View Borrower Information option to check:

- what you have on loan and when it is due back
- any penalty points you have accrued
- items you have on hold and if they are ready to be collected
- items that have been recalled and their new due date
- renew current loans.

**Borrowing from other Libraries:** You can borrow from other university libraries in person or, in the case of Griffith University, the QUT Library will bring the materials to your branch library to be collected. Fill in a Special Reciprocal Loan form to borrow from Griffith. To borrow from other libraries you need to register as a Reciprocal Borrower, which costs \$40 per year (GST included). Ask staff at the Loans Desk for more information.

**Skills in Finding and Using Information:** Classes in using the catalogue, searching electronic databases and searching the Internet effectively are held during the first weeks of semester and throughout the semester. Students may also obtain assistance and instruction from the information desk. To assist you in mastering the necessary skills for your research and study, Pilot: Your Information Navigator is a web based on-line tutorial available from the library website.

**Other Services:** Study spaces and group discussion rooms are available. Assistance is given to students with disabilities to ensure they have access to Library resources. Special rooms, and wheelchair and lift access are provided at each branch.

**Library Hours** vary throughout the year and between each branch library. Check signs or the Library website.

You can contact the Library on the following telephone numbers:

Carseldine: 07 3864 4555

Gardens Point: 07 3864 2083

Kelvin Grove: 07 3864 3079

Law Library: 07 3864 2842

## Oodgeroo Unit

The Oodgeroo Unit is the centre of QUT's activities in Aboriginal and Torres Strait Islander education, studies and research.

The Unit is committed to improving rates of access to, participation in and quality of, university education for Aboriginal and Torres Strait Islander people. Providing cultural, personal and academic support to Indigenous students, the Oodgeroo Unit actively promotes cultural awareness amongst all students.

All Aboriginal and Torres Strait Islander students enrolled at QUT are welcome to use the Unit's facilities at Carseldine (C Block), Gardens Point (O Block Podium) and Kelvin Grove (B Block).

Further information can be obtained from:

Phone: 07 3864 3610

Fax: 07 3864 3982

Web: [www.qut.edu.au/daa/oodgeroo/](http://www.qut.edu.au/daa/oodgeroo/)

## Student Centre

Student Centres are the first point of contact for students seeking information on administrative, course or other student matters. A Student Centre is located on each QUT campus:

Carseldine Level 2, C Block

Hours: 9.00am-5.00pm

Gardens Point Level 1, A Block

Hours: 9.00am-5.30pm

Kelvin Grove Level 4, K Block

Hours: 9.00am-5.00pm

Student Centre staff assist students with enquiries regarding admission, academic credit, enrolment, fees, student ID cards, transport concessions and other student administration or general enquiries. Student Centres are also the place to obtain and lodge Student Services application forms and other general forms.

Hours will be extended in peak periods. Please refer to the Orientation Program for details.

## Marketing lounges

Marketing lounges have been conveniently placed in Student Centres at Gardens Point and Carseldine campuses. Electronic, self-help facilities allow prospective and current students to find course information and browse the QUT website. A wide range of course information brochures and booklets are also provided.

## Student InfoLine

The Student InfoLine, a part of the Student Centre, is a phone service that assists students with student administration and other general student matters.

Phone 07 3864 2000

Monday to Friday, 8.00am-5.30pm

### Student Ombudsman

Dr Neville Bofinger is your QUT Student Ombudsman, an independent officer of the University, fully supported by the Vice-Chancellor for the purpose of assisting you to resolve grievances, who has access to all levels of the University. The Student Ombudsman is available to discuss your concerns or grievances, particularly those associated with administrative or academic decisions that affect you, and to provide you with relevant advice or assistance. The Student Ombudsman can become involved in resolution processes through mediation, negotiation, conciliation or representation, as appropriate, and may also assist you by referring you to other sources of assistance, either internal to the QUT or external agencies. This is a free and confidential service.

If you have any issues concerning fair treatment by staff or other students, proper application of procedures or resolution of complaints, then you should not hesitate to contact the Student Ombudsman. The Student Ombudsman occupies Room A118 on Gardens Point campus, behind the Student Centre, but consultations can be arranged to be held on all campuses. Consultation is by prior appointment, which can be made by telephone or email.

Phone: 07 3864 2457

Fax: 07 3864 4472

Email: [ombudsman@qut.edu.au](mailto:ombudsman@qut.edu.au)

Web: [www.qut.edu.au/ombudsman/](http://www.qut.edu.au/ombudsman/)

Write to QUT Student Ombudsman

GPO Box 2434

Brisbane QLD 4001

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## QUT ALUMNI

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When you graduate from QUT, you will become a member of the University's Alumni. QUT Alumni promotes friendly communication and cooperation among the University's graduates, students, faculty staff and close associates. Membership of QUT Alumni is free.

The Alumni Office at QUT provides services and programs for graduates to enhance professional development, promote lifelong learning and create opportunities for keeping in touch with other graduates and continuing involvement with the University. As a current student of QUT, you can benefit from the news, programs and services organised by QUT Alumni for the University community.

The Alumni website provides useful information about QUT Alumni and its sponsored activities. Visit the site to:

- discover how to participate in the Mentor Scheme, which is an opportunity for current students to link with graduates for encouragement and support and to get a practical start to understanding the workplace;
- explore QUT Links magazine online. QUT publishes this magazine for its Alumni, close associates and interested members of the University community including business and industry professionals. The magazine profiles successful graduates and provides information on what's happening in the lives of QUT Alumni members as well as what is happening at QUT;

- discover the latest news on Alumni events and other activities for graduates by checking out the events listing at QUT Events;
- learn about the Outstanding Alumni Awards which recognise graduates who have performed exceptionally in their chosen career and who have made outstanding contributions to the community;
- learn about the existing Alumni Chapters at QUT;
- find out about the benefits and services that the University has to offer its Alumni, and
- find out about the Alumni Annual Appeal that supports University projects, in particular scholarships for disadvantaged students.

### Giving to QUT

QUT is proud of the strong support it receives from the community.

Alumni, individuals, corporations, foundations and government give generously to the University's teaching, research and community outreach activities.

This ensures support for students through scholarships and prizes, an improved learning environment and world-leading research that solves real world problems.

Donations to QUT are fully tax deductible. Requests for general or specific purposes may also be made to the University.

For further information visit the giving website or contact QUT Development on 07 3864 1838.

QUT Gardens Cultural Precinct, located at the University's Gardens Point campus, is situated on one of Queensland's most central and historically important sites. The Precinct encompasses QUT Art Museum, one of Australia's most sophisticated contemporary art museums, Gardens Theatre, with a 400 seat state-of-the-art theatre, and Old Government House.

This world class facility for performing and visual arts was launched in July 2000 providing the community with accessible venues to enjoy and nurture the talents of our artists, craftsworkers, musicians and performers. It also hosts a broad-based education program through which participants gain valuable insights into their arts and cultural heritage.

Gardens Cultural Precinct is at the centre of a circuit of culture and recreation incorporating the South Bank precinct with its parklands and cultural centre, the city heart with its galleries and shopping and Gardens Point itself with its Botanic Gardens, Riverstage, historic campus buildings and Parliament House.

In addition to the core activity of exhibitions and performances, Gardens Cultural Precinct offers unique arts-based educational programs that provide practical ways for Queensland University of Technology to extend the benefits of its knowledge, research and services to the wider Queensland community. These programs have a practical emphasis and include hands-on sessions with curators, artists talks, activity booklets, guided tours and demonstrations.

Gardens Cultural Precinct also offers a choice of stunning spaces for hire. QUT Art Museum provides an elegant and sophisticated space for cocktail parties; Gardens Theatre provides a picturesque and spacious function area, within the glass walled foyer overlooking the City Botanic Gardens; Old Government House adds heritage glamour to any event.

#### **Location**

Main Drive

QUT Gardens Point

2 George Street, Brisbane (next to City Botanic Gardens)

#### **Information**

Phone: 07 3864 8005

Email: [info.culturalprecinct@qut.edu.au](mailto:info.culturalprecinct@qut.edu.au)

Web: [www.culturalprecinct.qut.edu.au](http://www.culturalprecinct.qut.edu.au)

#### **GARDENS THEATRE**

Gardens Theatre is a premium and versatile venue offering an annual program of student and professional productions.

Featuring a spacious foyer overlooking the City Botanic Gardens and an auditorium that seats 400, Gardens Theatre provides an intimate performance space for both QUT Creative Industries' presentations as well as local and visiting drama, music and dance productions.

During 2005 it will offer a regular program of comedy, from open-mic nights to stand up.

This state-of-the-art venue is located on QUT's Gardens Point campus at the heritage end of George Street in Brisbane's CBD. Acknowledged as one of the city's premier performing arts venues, Gardens Theatre also features exceptional facilities for audiences including a licenced bar, palm tree atrium, disabled access and a Bar Merlo cafe.

Gardens Theatre facilities and foyer area are available for hire (subject to availability).

#### **Location**

X Block, Main Drive

QUT Gardens Point

2 George Street, Brisbane (next to City Botanic Gardens)

#### **Box Office**

Open Monday - Friday (10am - 4pm) and one hour prior to all scheduled performances.

#### **Bookings & Show Information**

For advance bookings and information on current shows phone GardensTix on 07 3864 4455.

#### **What's On**

Free program guides are available from the theatre box office or refer to program listings on the web at [www.culturalprecinct.qut.edu.au](http://www.culturalprecinct.qut.edu.au).

#### **Information**

Phone: 07 3864 4455

Fax: 07 3864 4462

Email: [gardenstheatre@qut.edu.au](mailto:gardenstheatre@qut.edu.au)

Web: [www.culturalprecinct.qut.edu.au](http://www.culturalprecinct.qut.edu.au)

#### **QUT ART MUSEUM**

QUT Art Museum is an important cultural facility for the city of Brisbane. The Museum plays a vital role in the educational and intellectual life of the University. It houses a significant art collection that has become a valuable cultural resource for the students and staff of the University, and for the wider community.

The collection is one of the largest in Queensland and contains holdings of great quality and diversity, mostly by Australian artists. It includes fine early paintings, choice ceramics and prints, important examples of indigenous art and challenging contemporary works in a range of artforms.

As part of its exciting and dynamic program the Art Museum offers changing exhibitions drawn from the collection, touring exhibitions from other galleries and collections, and works from several creative academic disciplines within the University. The Museum's educational services are designed to complement and enhance the exhibitions program for the benefit and enjoyment of the public.

#### **Location**

Level 1, U Block, Main Drive

QUT Gardens Point

2 George Street, Brisbane (next to City Botanic Gardens)

#### **Museum Hours**

Tuesday - Friday: 10am – 5pm

Wednesday: until 8pm

Saturday - Sunday: 12noon – 4pm

Closed Mondays and Public Holidays

#### **Admission**

Free entry

#### **Information**

Phone: 07 3864 5370

Email: [artmuseum@qut.edu.au](mailto:artmuseum@qut.edu.au)

Web: [www.culturalprecinct.qut.edu.au](http://www.culturalprecinct.qut.edu.au)

## OLD GOVERNMENT HOUSE

Old Government House was the official residence of the Governors of Queensland from 1862-1909. Since that time the house has been occupied by the University of Queensland, the National Trust of Queensland and Queensland University of Technology's predecessor institutions, Central Technical College and Queensland Institute of Technology.

Old Government House is owned by the Queensland Government. In October 2002, a Heads of Agreement was signed between the Queensland Government, National Trust of Queensland and Queensland University of Technology for the future conservation, management and use of Old Government House.

QUT has accepted responsibility for the continued enhancement of Old Government House and the accompanying grounds in accordance with the Government's Conservation Plan.

To celebrate its history and advance knowledge of Queensland's architectural, political and educational heritage, QUT has opened the doors of Old Government House to provide a welcoming environment for all Queenslanders and visitors to enjoy and learn

about the building and its site. Guided tours are available on request.

### Location

Main Drive

QUT Gardens Point

2 George Street, Brisbane (next to City Botanic Gardens)

### Opening Hours

Monday - Friday: 10am - 4pm

### Admission

Free entry

### Information

Phone: 07 3864 8005

Email: [info.ogh@qut.edu.au](mailto:info.ogh@qut.edu.au)

Web: [www.ogh.qut.edu.au](http://www.ogh.qut.edu.au)

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## QUT STUDENT GUILD

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The QUT Student Guild fosters the welfare of all QUT students and protects their rights. It advocates for students who experience difficulties during their time at QUT and represents all students on various University committees. Being a member of the Student Guild is like having an insurance policy; the Guild exists to help students deal with issues that may negatively impact on their performance at QUT.

The QUT Student Guild is owned and operated by and for students.

The Student Guild is governed by Guild Council which consists of the Executive (President, General Secretary, Education Director, International Student Services Director, Women's Services Director, Welfare Services Director, Recreation Director, Indigenous Services Director, Queer Services Director, and three Campus Directors), campus representatives, and specialist representatives (for part-time and external students, Aboriginal and Torres Strait Islander students, and postgraduate students).

Members of the Guild Council are elected at the annual general election and all students are eligible to stand for positions at the election. Students are also able to nominate and vote for campus coordinator positions to help organise activities and services on campuses.

The Student Guild sends representatives to express students' views to many University committees, including the University Academic Board.

All QUT students are members of the Student Guild and their respective national union, NUS. Quite often, access and equity to education can be affected by government policy. The Student Guild will often call on its members to attend rallies to stop regressive changes to the education system. The Student Guild fully supports a free public education system where everyone has equal access.

The QUT Student Guild also operates several commercial services across all campuses. These consist of the Guild Fitness Centres, Guild Bars, Guild Aquatic and Squash Centre, Guild News and Post Office, the Guild Child Care Centres and Creche, Academic Gown Hire and the Guild Second Hand Textbook Shop.

The Guild has a presence on the Web which can be accessed at [www.guildonline.net](http://www.guildonline.net). All of the Guild's services are listed there along with an events page where students can find out what is happening on their campus as well as up to date accommodation and part-time employment listings.





# Student Rules, Policies and Procedures

## Student Rules, Policies and Procedures

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## INTRODUCTION

Please refer to the online Manual of Policies and Procedures for the latest version of the Student Rules  
www.qut.edu.au/admin/mopp.

The QUT Student Rules published here were approved by QUT Council on 23 October 2002, following a major review. Detailed information about procedural aspects of these rules can be obtained by accessing relevant topics at Student Services website or by contacting the Student Business Services Department.

For information on the University's admission policy and procedures, please refer to the various booklets available from QUT's Student Business Services.

**STUDENTS ARE WARNED THAT PENALTIES (INCLUDING FINES, SANCTIONS, WITHHOLDING RESULTS, EXCLUSION OR EXPULSION) MAY BE IMPOSED ON STUDENTS WHO CONTRAVENE THESE OR ANY OTHER QUT RULE OR POLICY, OR WHO FAIL TO MEET THEIR OBLIGATIONS (INCLUDING FAILING TO PAY PRESCRIBED FEES, LATE FEES OR FINES, OR FOR FAILING TO RETURN LIBRARY/FACULTY MATERIALS OR EQUIPMENT).**

These Student Rules are made pursuant to:

- QUT Statute No. 1 (Course of Study) 1999
- QUT Statute No. 2 (Student Discipline) 1999
- QUT Statute No. 3 (Fees) 1999

They should also be read in conjunction with:

- Schedule 1 to the QUT Act 1998, Conduct on University Land. This Schedule authorises certain University officers to direct disorderly persons or those creating disturbances to leave the University. A person failing to comply with such a direction may be fined
- Information Facilities Rules (pursuant to QUT Statutes 2 and 3, and to the relevant staff conditions and awards)

## THE RULES

### PART 1 - PRELIMINARY

#### Division 1 - Interpretation

##### 1. Definitions

In these rules:

'assessment' means work (for example, an examination, assignment, practical, performance) which a student is required to complete for any one or more of the following purposes:

- (a) the fulfilment of an educational purpose (for example, to motivate learning, to provide feedback);
- (b) to provide a basis for a record of achievement or certification of competency;
- (c) to permit grading.

'award course' means a program of study leading to the award of a degree, diploma or certificate accredited by QUT.

'cancellation of enrolment' means that a student has discontinued an award course or a program of non-award studies.

'course coordinator' includes a staff member performing the functions of course coordinator specified by the director, QUT international college.

'course requirements' means the specific requirements for completing an award course approved by university academic board and includes the following:

- (a) the course structure;
- (b) any conditions for enrolment in or for completion of particular units required for the course;

- (c) any conditions for academic progression through the course;
- (d) any requirements for attendance type or mode of study.

'dean' means the dean of the faculty having responsibility for a unit or an award course and includes:

- (a) the director, QUT Carseldine, in the case of a unit or an award course for which the director is responsible; and
- (b) the director, QUT international college, in the case of a program of non-award studies for which the director is responsible.

'faculty academic board' means the body established by university academic board to manage academic policy and practices within the faculty or QUT Carseldine.

'non-award studies' means a unit or group of units which a student undertakes at the university other than as part of an award course of QUT.

'QUT' means the Queensland University of Technology.

'registrar' means the university's chief administrative officer.

'teaching period' means a designated period of weeks in which the program of study and instruction for a unit or award course is undertaken and includes:

- (a) two standard semesters of around 13 weeks duration; and
- (b) other periods during the year which are designated by the registrar as a teaching period.

'unit coordinator' includes a staff member performing the functions of unit coordinator specified by the director, QUT international college.

'university academic board' means the body established by council to provide leadership on academic policy and practices of QUT.

#### 2. Attendance type and mode

(1) A student's attendance type is normally designated as full-time if the enrolment program for the teaching period is:

- (a) in the case of a student enrolled in an award course, at least 75 per cent of the number of credit points for a standard enrolment program load for full-time enrolment in that course in a teaching period; or
- (b) in the case of a student undertaking non-award studies, at least 75 per cent of the number of credit points for a standard enrolment program load designated by the registrar for that purpose.

(2) If a student's enrolment program load is less than the amount specified in rule 2(1), the student's attendance type is normally designated as part-time.

(3) Addition or withdrawal of units in accordance with division 2 of part 3 of these rules may be deemed by the registrar to change a student's attendance type.

(4) For the purposes of these rules and for course requirements, a student's attendance mode is designated as:

- (a) internal, where instruction or supervision in all units in which the student is enrolled in a teaching period is delivered by attendance at a place designated by the registrar as a campus of the university; or
- (b) external, where instruction or supervision in all units in which the student is enrolled in a teaching period is delivered other than by attendance at a campus of the university (for example, by posting instructional materials to the student); or
- (c) multi-modal, where instruction in some, but not all units, is in internal mode.

**Division 2 - Students' responsibilities under these rules****3. Student responsibility for compliance with these rules and other requirements**

(1) It is the student's responsibility to do all acts associated with admission, enrolment and academic progression in compliance with these rules, including, but not limited to:

- (a) providing information to the university under rule 7(2), including statistical information and a mailing address; and
- (b) re-enrolling at the university each year; and
- (c) submitting an appropriate enrolment program and rectifying any known discrepancies with the enrolment program.

(2) In the case of international students, the student must also comply with any requirements for enrolment or study at the university specified in the Educational Services for Overseas Students Act 2000 (Cwth), including, but not limited to:

- (a) any requirements relating to attendance type or mode; and
- (b) any conditions for enrolment programs and progress through an award course; and
- (c) any conditions relating to leave of absence.

**PART 2 - ADMISSION****4. Application for admission**

(1) A person must apply for admission to the university before first enrolling in an award course or non-award studies.

(2) Except where specified by the registrar, a person must apply for admission before each teaching period in which they propose to enrol in non-award studies.

(3) A person who seeks to re-enrol in an award course must apply for re-admission following:

- (a) cancellation of enrolment in an award course or program of non-award studies; or
- (b) an unapproved period of absence; or
- (c) a period of exclusion from an award course imposed under part 6 of these rules.

(4) The registrar must prescribe the dates for and the manner of applying for admission to the university.

**5. Criteria for admission**

(1) University academic board may specify general requirements to be met by a person applying for admission to the university.

(2) The faculty academic board having responsibility for an award course must specify minimum course entry requirements and may specify different requirements for different major areas of study within an award course.

(3) The registrar determines the maximum number of persons to be offered admission to the university.

**6. Offer of admission**

(1) The registrar makes offers of admission.

(2) An offer of admission may be conditional upon the person providing documents or fulfilling other requirements specified in the offer.

(3) The registrar may withdraw an offer of admission and reject enrolment where:

- (a) the person fails to provide documents or to fulfil other requirements specified in the offer of admission; or
- (b) the offer of admission has been made as a result of the provision of incomplete or inaccurate information by the person or a certifying authority; or
- (c) the person fails to submit an enrolment program in accordance with the offer of admission by the specified date.

**PART 3 - ENROLMENT****Division 1 - General requirements for enrolment****7. Enrolment procedures**

(1) The registrar:

- (a) must prescribe closing dates for submission of an enrolment program for each teaching period; and
- (b) may prescribe different closing dates for different categories of students.

(2) The registrar must prescribe the manner of submitting the enrolment program, and the information to be included with the enrolment program.

(3) For each teaching period, the registrar must:

- (a) publish the closing dates for addition or withdrawal of units in accordance with schedule 1; and
- (b) specify the manner of submitting changes to the enrolment program.

**8. Valid enrolment**

(1) Subject to rule 8(2), enrolment in any teaching period means that the student has submitted an enrolment program for study, instruction or research at the university in that teaching period.

(2) A student is validly enrolled upon:

- (a) submission of an enrolment program for the teaching period by the specified date or such later time as permitted by the registrar; and
- (b) acceptance of the enrolment program by the registrar<sup>1</sup>; and
- (c) payment of fees and charges required under these rules by the specified date or such later time as permitted by the registrar; and
- (d) fulfilment of any other requirements specified in these rules.

(3) The registrar may reject a student's enrolment where the student has not met all of the requirements of rule 8(2).

**Division 2 - Enrolment programs****9. Requirements for enrolment programs**

(1) A student's enrolment program must comply with the general requirements specified in this division.

(2) In the case of a student enrolled in an award course, the student's enrolment program must also comply with the course requirements.

**10. Addition of a unit to enrolment program**

Subject to the requirements of this division, a student may add a unit to their enrolment program in a teaching period if:

- (a) the unit is added by the addition date published in accordance with schedule 1; or
- (b) where the student proposes to add the unit after the addition date published in accordance with schedule 1:
  - (i) the student pays the administrative charge specified in schedule 2; and
  - (ii) the unit coordinator agrees to the addition of the unit; and
  - (iii) the registrar is satisfied that the student has demonstrated that exceptional circumstances for addition of the unit exist.

**11. Withdrawal from a unit**

(1) Subject to the requirements of this division, a student may withdraw from enrolment in a unit:

- (a) by the withdrawal date published by the registrar in accordance with schedule 1 - without academic penalty; or
- (b) after the withdrawal date published by the registrar in accordance with schedule 1 - with academic penalty.

(2) Despite rule 11(1)(b), the registrar may permit withdrawal without academic penalty if, following advice from the dean, the

registrar is satisfied that the student has demonstrated that exceptional circumstances for withdrawal from the unit exist.

(3) In this section, 'academic penalty' means that the unit in question is awarded a failing grade.

### **12. Relationship between units of study**

(1) Course requirements may specify any of the following conditions for enrolment in a specified unit:

- (a) a student must have achieved a passing grade in a prerequisite unit before enrolment in the specified unit;
- (b) a student may enrol in the specified unit only if:
  - (i) the student also enrolls in a corequisite unit at the same time; or
  - (ii) the student has previously achieved a passing grade in the corequisite unit;
- (c) a student must not enrol in the specified unit if the student has achieved a passing grade in an incompatible unit.

(2) A unit coordinator may permit a student to enrol in a specified unit without having satisfied the condition listed in rules 12(1)(a) or 12(1)(b) if the unit coordinator is satisfied that the student has demonstrated sufficient knowledge to undertake the unit.

(3) In this section, an 'incompatible unit' means a unit in which the subject matter or the body of learning is substantially similar to that included in the specified unit.

### **13. Maximum and minimum enrolment program load**

Course requirements may specify either or both of the following:

- (a) the maximum number of credit points for full-time enrolment;
- (b) the minimum number of credit points for part-time enrolment.

### **14. Time limits for completion of an award course**

University academic board must specify time limits for completion of an award course, and may impose different time limits for different categories of courses.

### **15. Acceptance of enrolment program**

The registrar may not accept a student's enrolment program in any of the following circumstances:

- (a) the student has not enrolled in accordance with their offer of admission, including, where specified, major area of study, attendance type, attendance mode and location of study;
- (b) if the student is enrolled in an award course, the student has not submitted an enrolment program which is consistent with course requirements;
- (c) except where permitted by the course or unit coordinator, as the case may be, the student has not complied with the requirements of division 2 of part 3 of these rules;
- (d) if the student is enrolled in an award course, the student has not met the requirements of part 6 of these rules;
- (e) the student is subject to a penalty imposed under rule 29 or Statute No 2 (Student Discipline) 1999 which prohibits their enrolment in the current teaching period;
- (f) the student is in breach of any other statute or rule of the university which specifies rejection or suspension of enrolment as a penalty.

### **16. Amendment of enrolment program**

The registrar may amend an enrolment program, after consultation with the course coordinator, if any of the following conditions exist:

- (a) the student has not complied with the requirements of rule 13;
- (b) the student has not complied with other course requirements;
- (c) the student cannot attend classes or meet other unit requirements due to timetable incompatibility;
- (d) the student has not complied with any conditions of probationary enrolment imposed under part 6 of these rules.

## **Division 3 - Credit**

### **17. Credit for previous studies**

(1) University academic board may specify the amount and type of credit for previous studies which may be granted in award courses, and may specify different amounts of credit for different categories of award courses or students.

(2) The registrar must specify the procedures to be followed, and the documentation to be supplied, by students applying for credit.

(3) The course coordinator must determine the amount and type of credit to be granted in accordance with university academic board determinations.

## **Division 4 - Discontinuation or interruption of enrolment**

### **18. Approval of leave of absence**

(1) A student may apply to the registrar for leave of absence from an award course.

(2) The registrar may approve leave of absence if:

- (a) the student is enrolled in an undergraduate award course; and
- (b) the student is applying for leave of absence for a period of no more than one year; and
- (c) the student has completed at least one teaching period of enrolment in the award course; and
- (d) the student has not previously applied for leave of absence from the award course.

(3) If the student has not completed at least one teaching period of enrolment in the award course, but has otherwise satisfied the requirements of rule 18(2), leave of absence may be approved if the registrar is satisfied that the student has demonstrated exceptional circumstances for taking the leave.

(4) The dean must determine the application for leave of absence in any of the following circumstances:

- (a) the student seeks leave for a period in excess of one year;
- (b) the student is undertaking a postgraduate award course;
- (c) the student has had a prior approved leave of absence from the same award course.

(5) The dean may approve the application for leave of absence only if the dean is satisfied that the student has demonstrated exceptional circumstances for taking the leave.

(6) A student who is granted leave of absence:

- (a) is deemed to have withdrawn from enrolment in all units in accordance with rule 11; and
- (b) is not an enrolled student of the university for the approved period of absence.

(7) A student must apply for re-admission to the award course if:

- (a) the student does not apply for leave of absence before withdrawing from enrolment in all units in a teaching period; or
- (b) the student fails to re-enrol at the conclusion of an approved leave of absence.

(8) For international students, this rule is subject to any requirements or conditions for leave of absence specified in the Educational Services for Overseas Students Act 2000 (Cwth) .

### **19. Cancellation of enrolment**

(1) A student must notify the registrar if they wish to cancel their enrolment in an award course or non-award studies.

(2) A student who cancels their enrolment is deemed to have withdrawn from enrolment in all units in their enrolment program in accordance with rule 11.

<sup>1</sup> See rule 15

## PART 4 - FEES AND CHARGES

**20. Definitions for this part**

In this part:

‘HES Act’ means the Higher Education Support Act (Cwth) as amended from time to time.

‘student contribution amount’ means an amount being the contribution for the teaching period in question determined by the university in accordance with the HES Act.

‘Commonwealth supported place’ means a place in a unit of study for which a student contribution amount is paid and for which the Commonwealth makes a contribution under the Commonwealth Grant Scheme.

‘Commonwealth supported student’ means a student who has been advised by the university that they are Commonwealth supported for a unit or course of study.

**21. Imposition of fees and charges**

(1) Except as specified under the HES Act, the university may impose student contribution amounts, fees and charges for enrolment and study at the university, or for services and facilities associated with enrolment and study, and may impose different student contribution amounts, fees and charges for different categories of students.

(2) The officer or body listed in schedule 2 sets the student contribution amounts, fees and charges.

(3) For each teaching period, the registrar must prescribe the dates for payment of fees.

(4) A student must pay the fees specified in these rules by the prescribed dates.

(5) A student is not validly enrolled<sup>2</sup> unless all student contribution amounts, fees and charges specified in these rules have been paid, including any additional student contribution amount or tuition fee required to be paid as a result of addition of a unit to a student's enrolment program in accordance with rule 10.

**22. Student guild fee**

(1) Subject to rule 22(4), a student must pay the student guild fee specified in schedule 2.

(2) In the case of a student who is not enrolled in a full-time program over the academic year, the registrar will determine the pro-rata amount of the student guild fee to be paid.

(3) Upon payment of the student guild fee and acceptance of the enrolment program in each teaching period, a student is a member of the student guild.

(4) A student who has a conscientious objection to being a member of the student guild is exempt from membership if the student:

- (a) advises the registrar in writing of the objection; and
- (b) pays to the university an amount equivalent to the student guild fee.

**23. Liability for a Commonwealth supported place**

(1) Except as specified in the HES Act, a student who enrolls in any teaching period in a unit or units for an award course is liable for a student contribution amount.

(2) A student who is liable for a student contribution amount must submit a Commonwealth assistance form specifying the method for payment of the contribution in any of the following circumstances:

- (a) when the student first enrolls at the university;
- (b) when the student changes to another award course;
- (c) if the student elects to pay the contribution by another method.

(3) For each teaching period, the registrar must prescribe the date for submission of the Commonwealth assistance form.

(4) Except as specified in the HES Act, a student may discharge a liability for a student contribution amount by:

- (a) paying the required amount directly to the university by the date specified by the registrar; or
- (b) supplying a tax file number to the university; or
- (c) a combination of (a) and (b).

**24. Tuition fee**

(1) This rule applies to students who are not liable to pay a student contribution amount for a teaching period or a unit.

(2) A student (other than an international student or a student deemed by the registrar to be liable to pay a student contribution amount) who enrolls in a unit or units for a postgraduate award course must pay the postgraduate tuition fee specified in schedule 2.

(3) A visiting student (other than a visiting international student) who enrolls in a unit or units must pay the tuition fee specified in schedule 2, except that the dean may specify a different fee for students undertaking a designated enrolment program.

(4) An international student must pay to the university, for each teaching period, the international student tuition fee specified in the offer of admission.

(5) Where the HES Act specifies, a student who is normally liable to pay a student contribution amount may be required to pay the tuition fee specified in schedule 2 for enrolment in a particular teaching period or unit.

(6) For this rule, a ‘visiting student’ means a student who enrolls in non-award studies, but does not include a cross-institutional Commonwealth supported student who enrolls in a unit or units at QUT to obtain credit towards an award course at another Australian university.

**25. Administrative charges**

(1) A student or a person applying for admission must pay the relevant administrative charge prior to taking the action or requesting the service listed in schedule 2.

(2) If the administrative charge has not been paid, the student's action or request for the service has no effect.

**26. Cancellation charges and refunds**

(1) The university may retain a proportion of fees paid by a student as a charge for cancellation of enrolment, and may impose different cancellation charges for different categories of students.

(2) Schedule 2 specifies the amount which will be retained by the university where a student cancels their enrolment in a unit or units.

(3) A student who withdraws from enrolment in a unit or units must apply by the date specified by the registrar for a refund of fees paid to the university.

**27. Consequences of non-payment of fees and charges**

If a student does not pay the full amount of fees and charges required by the university by the required date, the registrar may do either or both of the following:

- (a) reject the student's enrolment in accordance with rule 8;
- (b) require the student to pay an administrative charge specified in schedule 2.

<sup>2</sup> See rule 8.

**PART 5 - ASSESSMENT****Division 1 - General requirements for assessment****28. Notice of assessment requirements**

A student who is enrolled in a unit must receive notification of assessment requirements in the manner and by the time prescribed by university academic board.

**29. Academic dishonesty**

- (1) A student must not act in a manner which constitutes academic dishonesty.
- (2) Academic dishonesty means an action or practice which may compromise or defeat the purposes of assessment, and includes, but is not limited to:
  - (a) cheating, or attempting to cheat;
  - (b) plagiarism;
  - (c) misrepresenting or fabricating data or results or other assessable work;
  - (d) breaching requirements specified by university academic board under rule 32 for conduct during examinations, in a way that may compromise or defeat the purposes of the assessment.
- (3) University academic board may prescribe procedures for investigating allegations of academic dishonesty.
- (4) The penalties for academic dishonesty are:
  - (a) mark reduction or zero mark for an assessment item; or
  - (b) awarding of a failing grade in the unit in which academic dishonesty is detected; or
  - (c) awarding of a failing grade in the unit in which academic dishonesty is detected and in another unit or all other units undertaken in that teaching period; or
  - (d) suspension from the university for a specified period of time, together with the allocation of failing grades specified in rule 29(4)(c); or
  - (e) permanent expulsion from the University, together with the allocation of failing grades specified in rule 29(4)(c).
- (5) The dean may impose the penalties listed in rule 29(4)(a) and 29(4)(b).
- (6) The registrar may impose any of the penalties listed in rule 29(4).

**Division 2 - Examinations****30. Availability for examinations**

- (1) A student must be available to undertake an examination:
  - (a) at the time and place specified for the examination in the central examination period; and
  - (b) at any other time specified for an examination in the notification of assessment requirements.
- (2) The registrar publishes an examination timetable for each central examination period.
- (3) In this rule, 'central examination period' means a period of at least 2 weeks at the end of each semester or other teaching period designated for conducting examinations.

**31. Alternative examination sittings**

A student who holds religious convictions which preclude attendance at an examination at the time specified in the published examination timetable, may apply in the manner prescribed by the registrar for an alternative examination sitting.

**32. Conduct during examinations**

University academic board must specify procedures for examinations, including:

- (a) requirements for a student entering or leaving the examination room; and
- (b) requirements for a student's conduct during the examination.

**33. Deferred examinations**

- (1) A student who, due to exceptional circumstances beyond the student's control, is unable to attend an examination at the prescribed time may apply in the manner prescribed by the registrar for a deferred examination.
- (2) The dean determines the outcome of an application for a deferred examination.

**Division 3 - Final grades****34. Grading scale**

University academic board must specify the grading scale to be used in allocating a record of achievement for studies at the university.

**35. Allocation and notification of grades**

- (1) The dean approves a student's final grade for a unit.
- (2) A student will be notified of their grades in the manner determined by the registrar.

**36. Special consideration**

- (1) A student who believes that their performance in completing an assessment item has been adversely affected by exceptional circumstances may apply for special consideration in the manner prescribed by the registrar.
- (2) The head of school determines whether the application for special consideration should be granted.
- (3) The faculty academic board may specify the manner in which special consideration is to be applied to an assessment item.
- (4) The unit coordinator determines whether additional marks for the assessment item should be granted, and must do so in accordance with any faculty academic board determinations made in accordance with rule 36(3).
- (5) In this rule:

'head of school' means the head of the school in which instruction in a unit is given, or in the case of QUT international college, the director of studies.

'faculty academic board' includes the QUT international college advisory board with respect to a program of non-award studies offered by the college.

**37. Supplementary assessment**

Supplementary assessment may be granted to a student only in the circumstances prescribed by university academic board.

**PART 6 - UNSATISFACTORY ACADEMIC PERFORMANCE****38. Requirement to perform satisfactorily in course**

A student undertaking an award course must maintain a satisfactory level of academic performance in accordance with this part.

**39. Probationary enrolment**

- (1) The registrar must place a student undertaking an award course on probationary enrolment if the student:
  - (a) achieves a grade point average of less than 3.0 for units which the student has undertaken towards the award course; or
  - (b) is awarded a failing grade in a unit which the student has previously failed.

(2) The registrar determines the students to be placed on probationary enrolment at the end of each academic year.

(3) The registrar must notify a student in writing of the decision to place the student on probationary enrolment.

#### **40. Conditions of probationary enrolment**

(1) A student is placed on probationary enrolment for 12 months.

(2) While on probationary enrolment, a student must:

- (a) consult the course coordinator about their enrolment program; and
- (b) if the course coordinator specifies an enrolment program, submit the enrolment program as specified.

(3) If a student on probationary enrolment cancels their enrolment in the course but is subsequently re-admitted by the registrar to the same award course in accordance with part 2 of these rules, the registrar, upon re-admission:

- (a) must place the student on probationary enrolment for the remainder of the academic year; and
- (b) may require the student to submit an enrolment program specified by the course coordinator.

#### **41. Exclusion from enrolment in an award course**

(1) A student is an 'eligible student' for the purposes of exclusion if:

- (a) the student has previously been placed or is currently on probationary enrolment and qualifies for a further period of probationary enrolment on the basis of rule 39; or
- (b) the student is awarded a failing grade in a designated unit; or
- (c) having been readmitted to the award course following a period of exclusion, the student achieves a grade point average of less than 3.5 for units in which the student has enrolled in the academic year following readmission; or
- (d) the student has exceeded the maximum time limit for the award course imposed in accordance with rule 14.

(2) At the end of each year, the faculty academic board responsible for the award course may exclude an eligible student from enrolment in that course.

(3) If the faculty academic board does not exclude an eligible student, the registrar may place the eligible student on probationary enrolment in accordance with this part.

(4) The registrar must notify a student in writing of the decision to exclude the student from enrolment in the award course.

(5) University academic board must specify the circumstances in which the registrar may exclude an eligible student from enrolment in other award courses at the university.

(6) In this rule, 'designated unit' means a unit which a faculty academic board requires a student to complete with a passing grade in order to continue in the award course.

#### **42. Consequences of exclusion**

(1) If exclusion is imposed on a student under rule 41, the student is excluded from an award course indefinitely, unless permitted to re-enrol in accordance with rule 43.

(2) A student who is excluded from an award course is not permitted to enrol in any units forming part of that award course.

#### **43. Enrolment following exclusion**

(1) An excluded student may re-enrol in a unit or units as part of the award course if:

- (a) the student successfully appeals against exclusion; or
- (b) the student, following exclusion for at least 12 months, is re-admitted to an award course by the registrar.

(2) Where a student re-enrols in the award course in accordance with rule 43(1), the registrar must place the student on probationary enrolment for the balance of the academic year.

### **PART 7 - ELIGIBILITY TO GRADUATE**

#### **44. Minimum passing grades for graduation**

For the purpose of determining a student's eligibility to graduate from an award course, a faculty academic board may designate the maximum number of units for which the student can be awarded a minimum passing grade.

#### **45. Eligibility to graduate from an award course**

(1) Subject to rule 44, a student is eligible to graduate from an award course upon completion of all course requirements.

(2) Faculty academic board determines whether a student has completed all course requirements.

(3) University academic board confers the award on a student who is eligible to graduate.

### **PART 8 - REVIEW AND APPEALS**

#### **46. Review of grades and academic rulings**

(1) University academic board must prescribe procedures for dealing with applications for review of grades and academic rulings.

(2) A student may apply for a review of:

- (a) their grade for a unit; or
- (b) other academic rulings made under these rules.

#### **47. Appeal to university academic board**

(1) A person who has been refused admission to the university may appeal to university academic board.

(2) A student may appeal to university academic board if:

- (a) the student has been excluded from an award course under rule 41; or
- (b) the student has been penalised by the dean or the registrar under rule 29.

#### **48. Status pending outcome of review or appeal**

Pending the outcome of a review or appeal, the registrar may permit a student to attend classes or undertake examinations.

### **PART 9 - MISCELLANEOUS**

#### **49. Research higher degree students**

(1) For students undertaking the doctor of philosophy degree, university academic board must specify general requirements for:

- (a) admission as a candidate for the degree; and
- (b) enrolment and progression as a candidate; and
- (c) submission and examination of the thesis.

(2) For students undertaking another research higher degree, faculty academic board must specify course requirements.

#### **50. Delegation of powers and functions<sup>3</sup>**

(1) Where these rules specify that a particular person or body exercises a power or function, that person or body may delegate the power or function to another person or body.

(2) Despite rule 50(1), a course coordinator or a unit coordinator may not delegate a function or power to another person.

<sup>3</sup> See section 27A of the Acts Interpretation Act 1954.

# SCHEDULE 1 - UNIT ADDITION AND WITHDRAWAL DATES

Teaching Period	Last day to add units	Last day to withdraw from units without academic penalty
Semester 1 (SEM-1) Semester 2 (SEM-2) Summer Program (SUM)	Close of business, Friday, 2nd week of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 9th week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 9th week of teaching period.
13 Week Teaching Period (13TP1-3)	Close of business, Friday, 2nd week of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 9th week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 9th week of teaching period.
12 Week Teaching Period (12TP1-3)	Close of business, Friday, 2nd week of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 8th week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 8th week of teaching period.
6 Week Teaching Period (6TP1-6) Summer Program 1 (SUM-1) Summer Program 2 (SUM-2)	1st day of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 4th week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 4th week of teaching period.
5 Week Teaching Period (5TP1-9)	1st day of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 3rd week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 3rd week of teaching period.
Non-standard intensive teaching periods (< or = 2 weeks in length) where unit enrolment is either in Semester 1 or Semester 2 teaching periods	1st day of teaching period	No academic penalty if withdrawal prior to commencement of teaching. 'Withdrawn-Failure' recorded if cancellation after commencement of teaching.
Non-standard intensive teaching periods (> 2 weeks but < 6 weeks in length) where unit enrolment is either in Semester 1 or Semester 2 teaching periods	1st day of teaching period	No academic penalty if withdrawal prior to close of business, Friday, 2nd week of teaching period. 'Withdrawn-Failure' recorded if cancellation after close of business, Friday, 2nd week of teaching period.



## SCHEDULE 2 - FEES AND CHARGES

TABLE A – STUDENT CONTRIBUTION BANDS

Student contribution bands for 2005	Non-differential (pre-1997)	Pre-2005 HECS students	Post-2005 students
Band 3: law, dentistry, medicine, veterinary science	\$2,889	\$6,414	\$8,018
Band 2: accounting, administration, economics, commerce, mathematics, statistics, computing, built environment, health, engineering, science, surveying, agriculture	\$2,889	\$5,479	\$6,849
Band 1: humanities, behavioural science, social studies, foreign languages, visual and performing arts	\$2,889	\$3,847	\$4,808
National priorities: education, nursing	\$2,889	\$3,847	\$3,847

TABLE B - DOMESTIC POSTGRADUATE TUITION FEES

Course Code	Course Title	Fee paid by student first enrolling in 2005 per credit point
-	Bachelor of Engineering - Dean's Scholars Program	Commonwealth Supported Place
AR61	Graduate Diploma in Industrial Design	Commonwealth Supported Place
AR62	Graduate Diploma in Interior Design	Commonwealth Supported Place
AR65	Graduate Certificate in Building Fire Safety	\$100
BN71	Master of Applied Science (Research)	RTS/RTA
BN72	Master of Engineering	RTS/RTA
BS19	Master of Business (Professional Accounting) - Advanced	\$100
BS30	Graduate Certificate in Management	\$130
BS32	Graduate Certificate in Human Resource Management and Development	\$100
BS33	Master of Business (Professional Accounting) - Advanced	\$100
BS39	Graduate Certificate in Business	\$100
BS63	Bachelor of Business (Honours)	Commonwealth Supported Place
BS64	Graduate Diploma in International Business	\$100
BS65	Master of International Business Studies	\$100
BS66	Master of International Business	\$100
BS70	Graduate Diploma in Advanced Accounting	\$100
BS72	Graduate Diploma in Public Relations	\$100
BS89	Master of Business (Professional Accounting)	\$100
BS92	Master of Business (Research)	RTS/RTA
BS93	Master of Business (Human Resource Management)	\$100
BS93	Master of Business (Marketing)	\$100
BS93	Master of Business (Public Management)	\$100
BS93	Master of Business (Public Relations)	\$100
BS93	Master of Business (Philanthropy & Nonprofit Studies)	\$100
BS93	Master of Business (Applied Finance)	\$100
BS93	Master of Business (Financial Management)	\$100
BS93	Master of Business (Forensic Accounting)	\$100
BS93	Master of Business (Professional Accounting)	\$100
BS93	Master of Business (Integrated Marketing Communication)	\$100
BS93	Master of Business (International Business)	\$100
BS94	Master of Commerce	\$100
BS95	Graduate Diploma in Philanthropy & Nonprofit Studies	\$90
BS96	Graduate Diploma in Applied Finance	\$100
BS97	Master of Business/Applied Finance	\$200
BS98	Master of Applied Finance	\$100
BS99	Master of Business Administration/Master of Applied Finance	\$200
CE62	Graduate Certificate in Civil Engineering	\$110
CE64	Graduate Diploma in Civil Engineering	\$110
CE74	Master of Engineering Science (Civil Engineering)	\$110
CE75	Master of Engineering Science (Civil Engineering Studies)	\$110
CN64	Graduate Diploma in Project Management	\$110
CN77	Master of Project Management	\$110
CN81	Graduate Certificate in Project Management	\$110
CN90	Graduate Certificate in Property Economics	\$110
CN91	Graduate Diploma in Property Economics	\$110
CN92	Master of Property Economics	\$110
DB69	Graduate Diploma in Urban Design	\$100
DB73	Master of Built Environment (Urban Design)	\$100
ED09	Master of Learning Innovation [previously Master of Education]	\$80
ED11	Doctor of Education	RTS/RTA
ED12	Master of Education (Research)	RTS/RTA

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ED13	Master of Education	\$80
ED14	Master of Education (Teaching English to Speakers of Other Languages - TESOL)	\$80
ED16	Master of Education	\$80
ED20	Graduate Diploma in Education (Early Childhood) - Refer to Master of Learning Innovation (Early Childhood Teaching)	\$70
ED21	Graduate Diploma in Education (Computer Education)	\$70
ED23	Graduate Diploma in Education (Educational Management)	Commonwealth supported (subject to quota) or tuition fees \$70
ED25	Graduate Diploma in Education (Teacher-Librarianship) - Refer to Master of Learning Innovation (Teacher-Librarianship)	\$70
ED28	Graduate Diploma in Education (Learning Support) - Refer to Master of Learning Innovation	\$70
ED61	Graduate Certificate in Education	\$80
ED77	Graduate Certificate in Education (Teaching English to Speakers of Other Languages - TESOL)	\$80
EE60	Graduate Diploma in Electricity Supply Engineering	\$940 per unit
EE61	Graduate Certificate in Computer and Communications Engineering	\$110
EE67	Graduate Diploma in Computer and Communications Engineering	\$110
EE74	Master of Engineering Science (Computer and Communications Engineering)	\$110
EE77	Master of Engineering Science (Electrical Engineering Studies)	\$110
EE78	Master of Engineering Science (Electricity Supply Engineering)	\$940 per unit
EE82	Graduate Certificate in Electricity Supply Engineering	\$940 per unit.
GS13	Graduate Certificate in Management	\$160
GS20	Master of Business Administration	\$180
GS21	Graduate Diploma in Business Administration	\$180
GS22	Graduate Certificate in Business Administration	\$180
GS23	Graduate Certificate in Management	\$180
GS24	International MBA	\$180
GS25	Master of Entrepreneurship and Innovation	\$200
GS29	Master of Entrepreneurship and Innovation/Master of Business Administration	\$200
GS30	Master of Business Administration	\$200
GS31	Graduate Diploma in Business Administration	\$200
GS32	Graduate Certificate in Business Administration	\$200
GS33	Graduate Certificate in Management	\$200
GS34	International Master of Business Administration	\$200
GS35	Graduate Certificate in Entrepreneurship and Innovation	\$200
GS36	Graduate Diploma in Entrepreneurship and Innovation	\$200
GS38	Master of Business Administration (major)	\$200
GS40	Master of Business Administration (MBA)	\$200
GS43	Graduate Certificate in Management	\$200
GS44	International Master of Business Administration	\$200
GS46	Graduate Diploma in Entrepreneurship and Innovation	\$200
GS47	Graduate Certificate in Entrepreneurship and Innovation	\$200
GS48	Master of Business Administration (Major)	\$200
GS49	Master of Entrepreneurship and Innovation/Master of Business Administration	\$200
GS50	Executive Master of Business Administration	\$200
GS70	Graduate Diploma in Business Administration	\$140
GS80	Master of Business Administration (International)	\$140
GS81	Master of Business Administration (Professional)	\$140
GS82	Master of Business Administration (New Venture Management)	\$140
GS90	Master of Business Administration	\$160
GS91	Graduate Diploma of Business Administration	\$160
GS92	Graduate Certificate of Business Administration	\$160
GS95	Executive Master of Business Administration	\$160
GS96	Master of Business Administration (major)	\$180
GS98	Executive Master of Business Administration	\$190
GS99	Executive Master of Business Administration	\$190
HH21	Bachelor of Arts (Honours)	Commonwealth Supported Place
HH22	Bachelor of Social Science (Honours) (Human Services)	Commonwealth Supported Place
HH23	Bachelor of Social Science (Honours)	Commonwealth Supported Place
HH30	Graduate Certificate in Social Science (Human Services)	\$80
HH31	Graduate Diploma in Social Science (Human Services)	\$80
HH32	Master of Social Science (Human Services)	\$80
HH40	Master of Arts (Research) (Humanities and Human Services)	RTS/RTA
HH50	Doctor of Social Science	RTS/RTA
HL38	Graduate Certificate in Health Science	\$80
HL50	Bachelor of Nursing (Honours)	Commonwealth Supported Place

## SCHEDULE 2 - FEES AND CHARGES

HL52	Bachelor of Applied Science (Honours)	Commonwealth Supported Place
HL55	Bachelor of Health Science (Honours)	Commonwealth Supported Place
HL68	Graduate Diploma in Health Science	\$80
HL84	Master of Applied Science (Research)	RTS/RTA
HL88	Master of Health Science	\$80
HL90	Doctor of Health Science	Commonwealth Supported Place
HM34	Graduate Certificate in Rugby Studies	\$70
IF01	Graduate Certificate in Creative Industries	\$100
IF02	Graduate Diploma in Creative Industries (Arts and Cultural Management)	\$100
IF03	Graduate Diploma in Creative Industries (Creative & Media Enterprises)	\$100
IF04	Master of Creative Industries (Arts Management & Creative Enterprise)	\$100
IF49	Doctor of Philosophy (Creative Industries)	RTS/RTA
IF49	Doctor of Philosophy	RTS/RTA
IF49B	Doctor of Philosophy (Business)	RTS/RTA
IF49E	Doctor of Philosophy (Built Environment, Engineering)	RTS/RTA
IF49ED	Doctor of Philosophy (Education)	RTS/RTA
IF49H	Doctor of Philosophy (Health)	RTS/RTA
IF49IT	Doctor of Philosophy (Information Technology)	RTS/RTA
IF49L	Doctor of Philosophy (Law)	RTS/RTA
IF49M	Doctor of Philosophy (Mathematics)	RTS/RTA
IF49SC	Doctor of Philosophy (Science)	RTS/RTA
IF88	Graduate Certificate in Risk Management	\$80
IF94	Graduate Certificate in Advertising	\$100
IF95	Graduate Diploma in Advertising (Strategic Advertising)	\$100
IF96	Master of Advertising (Strategic Advertising)	\$100
IT28	Bachelor of Information Technology (Honours)	Commonwealth Supported Place
IT29	Bachelor of Information Technology (Honours) - Accelerated Program	Commonwealth Supported Place
IT35	Graduate Diploma in Information Technology (IT Graduates)	\$100
IT38	Graduate Diploma in Information Technology (Non-IT Graduates)	\$100
IT40	Master of Information Technology (IT Graduates)	\$100
IT45	Master of Information Technology (Non-IT Graduates)	\$100
IT48	Master of Information Technology (Advanced)	\$100
IT60	Master of Information Technology (Research)	RTS/RTA
IT70	Master of Information Management	\$100
IT73	Graduate Certificate in Information Management (Library Studies)	\$100
IT74	Graduate Certificate in Information Management (Information and Knowledge Management)	\$100
IT75	Graduate Certificate in Information Management (Records Management)	\$100
IT76	Graduate Certificate in Information Management (Web Management)	\$100
IT89	Graduate Certificate in Information Technology (Wireless Games Technology)	\$100
IT90	Graduate Certificate in Information Technology (Computer Networks)	\$100
IT92	Graduate Certificate in Information Technology (Information Security)	\$100
IT93	Graduate Certificate in Information Technology (Enterprise Wide Software)	\$100
IT94	Graduate Certificate in Information Technology (Electronic Commerce)	\$100
IT95	Graduate Certificate in Information Technology (Project)	\$100
IT96	Graduate Certificate in Information Technology (Information Technology Management)	\$100
IT98	Graduate Certificate in Information Technology (Multimedia)	\$100
IT99	Graduate Certificate in Information Technology (Component Software and Web Services)	\$100
IX20	Master of Psychology (Educational and Developmental)	\$100
JS25	Graduate Certificate in Justice	\$90
JS26	Graduate Certificate in Critical Criminology	\$90
JS27	Graduate Certificate in Organised Crime and Corruption Investigation	\$90
JS28	Graduate Certificate in Justice Policy	\$90
JS29	Graduate Certificate in Strategic Intelligence	\$90
JS40	Bachelor of Justice (Honours)	Commonwealth Supported Place
JS51	Master of Justice by Coursework	\$90
JS52	Master of Justice (Research)	RTS/RTA
KC35	Graduate Certificate in Digital Media	\$90
KC36	Graduate Diploma in Digital Media	\$90
KC42	Master of Digital Media	\$90
KD35	Graduate Certificate in Creative Industries (Dance Teaching)	\$90
KD36	Graduate Diploma in Creative Industries (Dance Teaching)	\$90
KD42	Master of Creative Industries (Dance Teaching)	\$90
KI35	Graduate Certificate in Creative Industries (Communication Design)	\$90
KI36	Graduate Diploma in Creative Industries (Communication Design)	\$90

## SCHEDULE 2 - FEES AND CHARGES

KI43	Master of Creative Industries (Communication Design)	\$90
KJ35	Graduate Certificate in Journalism	\$90
KJ36	Graduate Diploma in Journalism	\$90
KK42	Master of Fine Arts	Commonwealth Supported Place
KK48	Master of Creative Industries	\$90
KK49	Doctor of Creative Industries	\$90
KK51	Master of Arts (Research) (Creative Industries)	RTS/RTA
KK52	Bachelor of Creative Industries (Honours) (Creative Writing/Media and Communication/Communication Design/Dance/Drama/Interdisciplinary/Visual Arts)	Commonwealth Supported Place
KK53	Bachelor of Fine Arts (Honours) (Dance/Creative Writing/Film & Television Production/Visual Arts/Communication Design)	Commonwealth Supported Place
KK54	Bachelor of Journalism (Honours)	Commonwealth Supported Place
KK55	Bachelor of Music (Honours)	Commonwealth Supported Place
KM35	Graduate Certificate in Music	\$90
KM36	Graduate Diploma in Music	\$90
KM42	Master of Music	\$90
KP35	Graduate Certificate in Creative Industries (Film and Television)	\$90
KP36	Graduate Diploma in Creative Industries (Film and Television)	\$90
KT35	Graduate Certificate in Creative Industries (Drama Teaching)	\$90
KT36	Graduate Diploma in Creative Industries (Drama Teaching)	\$90
KT42	Master of Creative Industries (Drama Teaching)	\$90
KW35	Graduate Certificate in Creative Industries (Creative Writing)	\$90
KW36	Graduate Diploma in Creative Industries (Creative Writing)	\$90
KW37	Graduate Certificate in Creative Industries (Publishing and Editing)	\$90
LP41	Graduate Diploma in Legal Practice	\$100
LS50	Bachelor of Biotechnology Innovation (Extended/Non-Accelerated)	Commonwealth Supported Place
LS50	Bachelor of Biotechnology Innovation (Standard/Accelerated)	Commonwealth Supported Place
LS70	Graduate Diploma in Biotechnology	\$90; (limited CSP places available) Tuition Fees apply after CSP places have been filled
LS80	Master of Biotechnology	\$90
LS90	Graduate Diploma in Medical Science (Anatomical Pathology)	\$95
LW50	Doctor of Juridical Science	Commonwealth Supported Place
LW51	Master of Laws	\$120
LW52	Master of Laws (Research)	RTS/RTA
LW60	Graduate Certificate in Law	\$120
LW65	Graduate Certificate in Legal Studies	\$100
LW70	Graduate Diploma in Legal Studies	\$100
MA65	Graduate Certificate in Mathematical Science	\$90
MA75	Graduate Diploma in Mathematical Science	\$90
MA85	Master of Mathematical Science	\$90
ME75	Graduate Certificate in Engineering Management	\$110
ME76	Master of Engineering Management	\$110
ME80	Master of Engineering Science (Mechanical Engineering Studies)	\$110
NS30	Graduate Certificate in Intensive Care Nursing	\$80
NS31	Graduate Certificate in Cancer Nursing	\$80
NS33	Graduate Certificate in Medical/Surgical Nursing	\$80
NS34	Graduate Certificate in Community Practice	\$80
NS35	Graduate Certificate in Paediatric, Child and Youth Health Nursing	\$80
NS36	Graduate Certificate in Women's Health	\$80
NS39	Graduate Certificate in Aged Care	\$80
NS41	Graduate Certificate in Emergency Nursing	\$80
NS64	Graduate Diploma in Nursing	\$80
NS68	Graduate Diploma in Midwifery	\$80
NS85	Master of Nursing	\$80
OP43	Graduate Certificate in Ocular Therapeutics	\$120
PH60	Graduate Certificate in Applied Science (Breast Ultrasound)	\$90
PH62	Graduate Certificate in Lighting	\$95
PH71	Graduate Diploma in Applied Science (Medical Physics)	\$90; (limited CSP places available) Tuition Fee applies after CSP have been filled
PH71	Graduate Diploma in Applied Science (Medical Ultrasound)	\$90; (limited CSP places available) Tuition Fee applies after CSP places have been filled
PH72	Graduate Diploma in Lighting	\$95
PH75	Graduate Diploma in Cardiac Ultrasound	\$90

## SCHEDULE 2 - FEES AND CHARGES

PH80	Master of Applied Science (Medical Physics)	\$90; (limited CSP places available) Tuition Fees apply after CSP places have been filled
PH80	Master of Applied Science (Medical Ultrasound)	\$90; (limited HECS places available)
PH82	Master of Lighting	\$95
PH85	Master of Cardiac Ultrasound	\$90
PS66	Graduate Diploma in Landscape Architecture	Commonwealth Supported Place
PS70	Master of Urban and Regional Planning	Commonwealth Supported Place
PS71	Master of Landscape Architecture	Commonwealth Supported Place
PS72	Graduate Diploma in Urban and Regional Planning	Commonwealth Supported Place
PS73	Graduate Certificate in Geomatics	\$100
PS74	Graduate Diploma in Geomatics	\$100
PS75	Graduate Certificate in Landscape Techniques	\$100
PS76	Graduate Certificate in Landscape Design	\$100
PS77	Graduate Certificate in Advanced Landscape Techniques	\$100
PS78	Graduate Diploma in Geographic Information Systems	\$100
PS79	Graduate Certificate in Geographic Information Systems	\$100
PS82	Graduate Certificate in Planning Studies	\$100
PU30	Graduate Certificate in Public Health	\$100
PU32	Graduate Certificate in Environmental Health	\$80
PU38	Graduate Certificate in Health Services Management	\$80
PU39	Graduate Certificate in Health Promotion	\$80
PU60	Graduate Diploma in Public Health	\$100
PU65	Graduate Diploma in Health, Safety and Environment	\$80
PU67	Graduate Diploma in Environmental Health	\$80
PU85	Master of Public Health	\$100
PY08	Graduate Diploma in Psychology	\$70
PY09	Bachelor of Psychology (Honours)	Commonwealth Supported Place
PY12	Master of Counselling	\$80
PY18	Master of Clinical Psychology	\$100
PY20	Postgraduate Diploma in Psychology	\$70
PY40	Graduate Certificate in Road Safety	\$70
PY41	Graduate Diploma in Road Safety	\$70
SC01 + SC60	Bachelor of Applied Science and Bachelor of Applied Science (Honours) - Dean's Scholars Accelerated Honours Program	Commonwealth Supported Place
SC60	Bachelor of Applied Science (Honours)	Commonwealth Supported Place
SC71	Graduate Diploma in Applied Science	Commonwealth Supported Place
SC80	Master of Applied Science (Research)	Commonwealth Supported Place

Table C - International Student Tuition Fees

These fees are set in accordance with rule 24(4), QUT Student Rules by the authority of the Vice-Chancellor.

Application fee for award courses: \$55 (incl GST)

Note: The quoted fee is based on a standard credit point load. The actual cost of the program will depend on the number of credit points enrolled. Pro-rata increase in fees will be charged when more than a normal course load is taken in any semester.

CRICOS Code	Course Code	Course Title	Fee per course per teaching period
As per course of study	-	Bachelor of Engineering - Dean's Scholars Program	A\$10,000
052308E	AR48	Bachelor of Architecture	A\$10,000
003479C	AR61	Graduate Diploma in Industrial Design	A\$10,500
006361D	AR62	Graduate Diploma in Interior Design	A\$10,500
003507D	BN31	Bachelor of Built Environment (Industrial Design)	A\$10,000
003507D	BN31	Bachelor of Built Environment (Landscape Architecture)	A\$10,000
003507D	BN31	Bachelor of Built Environment (Urban and Regional Planning)	A\$10,000
003507D	BN31	Bachelor of Built Environment (Interior Design)	A\$10,000
003462A	BN71	Master of Applied Science (Research)	A\$10,500
003465J	BN72	Master of Engineering	A\$10,500
051817C	BS19	Master of Business (Professional Accounting) - Advanced	A\$8500
031769E	BS39	Graduate Certificate in Business	A\$8500
025282A	BS40	University Diploma in Business	A\$7000
025282A	BS40	University Diploma in Business	A\$7000
003491G	BS56	Bachelor of Business (Accountancy)	A\$8000

## SCHEDULE 2 - FEES AND CHARGES

003491G	BS56	Bachelor of Business (Banking and Finance)	A\$8000
003491G	BS56	Bachelor of Business (Human Resource Management)	A\$8000
003491G	BS56	Bachelor of Business (International Business)	A\$8000
003491G	BS56	Bachelor of Business (Economics)	A\$8000
003491G	BS56	Bachelor of Business (Electronic Business)	A\$8000
003491G	BS56	Bachelor of Business (Public Relations)	A\$8000
003491G	BS56	Bachelor of Business (Advertising)	A\$8000
003491G	BS56	Bachelor of Business (Management)	A\$8000
003491G	BS56	Bachelor of Business (Marketing)	A\$8000
009038B	BS63	Bachelor of Business (Honours)	A\$8500
046053G	BS64	Graduate Diploma in International Business	A\$8500
046048D	BS65	Master of International Business Studies	A\$8500
046045G	BS66	Master of International Business	A\$8500
003481J	BS70	Graduate Diploma in Advanced Accounting	A\$8500
009035E	BS72	Graduate Diploma in Public Relations	A\$8500
002329C	BS89	Master of Business (Professional Accounting)	A\$8500
037552G	BS91	Master of Business Administration/Master of Applied Finance	A\$11,500
002329C	BS92	Master of Business (Research)	A\$8500
002329C	BS93	Master of Business (Human Resource Management)	A\$8500
002329C	BS93	Master of Business (Marketing)	A\$8500
002329C	BS93	Master of Business (Public Management)	A\$8500
002329C	BS93	Master of Business (Public Relations)	A\$8500
002329C	BS93	Master of Business (Professional Accounting)	A\$8500
002329C	BS93	Master of Business (Forensic Accounting)	A\$8500
002329C	BS93	Master of Business (Financial Management)	A\$8500
002329C	BS93	Master of Business (Applied Finance)	A\$8500
002329C	BS93	Master of Business (Integrated Marketing Communication)	A\$8500
002329C	BS93	Master of Business (Philanthropy & Nonprofit Studies)	A\$8500
002329C	BS93	Master of Business (International Business)	A\$8500
020304G	BS94	Master of Commerce	A\$8500
027283F	BS98	Master of Applied Finance	A\$8500
049435B	CE35	Bachelor of Technology (Civil) Conversion Program	A\$10,000
037544G	CE44	Bachelor of Engineering (Civil)	A\$10,000
040310K	CE46	Bachelor of Engineering (Civil and Environmental Management)	A\$10,000
040341C	CE62	Graduate Certificate in Civil Engineering	A\$10,500
036430C	CE64	Graduate Diploma in Civil Engineering	A\$10,500
020300M	CE74	Master of Engineering Science (Civil Engineering)	A\$10,500
042259C	CE75	Master of Engineering Science (Civil Engineering Studies)	A\$10,500
006363B	CN51	Bachelor of Applied Science (Construction Management)	A\$10,000
003500M	CN53	Bachelor of Applied Science (Quantity Surveying)	A\$10,000
040319A	CN54	Bachelor of Property Economics	A\$10,000
006362C	CN64	Graduate Diploma in Project Management	A\$10,500
016350B	CN77	Master of Project Management	A\$10,500
012705A	CN81	Graduate Certificate in Project Management	A\$10,500
036428G	CN90	Graduate Certificate in Property Economics	A\$10,500
036429G	CN91	Graduate Diploma in Property Economics	A\$10,500
036432A	CN92	Master of Property Economics	A\$10,500
014018G	DB69	Graduate Diploma in Urban Design	A\$10,500
003475G	DB73	Master of Built Environment (Urban Design)	A\$10,500
053490E	ED09	Master of Learning Innovation [previously Master of Education]	A\$8000
015023C	ED11	Doctor of Education	A\$8000
002501G	ED12	Master of Education (Research)	A\$8000
002330K	ED14	Master of Education (Teaching English to Speakers of Other Languages - TESOL)	A\$8000
000374C	ED26	Bachelor of Education (Inservice)	A\$7000
000374C	ED26	Bachelor of Education (Inservice)	A\$7000
Not required	ED61	Graduate Certificate in Education	A\$1875 per unit
014019G	ED77	Graduate Certificate in Education (Teaching English to Speakers of Other Languages - TESOL)	A\$7500
020305F	ED82	Bachelor of Early Childhood Studies	A\$7000
Not required	ED83	Bachelor of Early Childhood	A\$1750 per unit
To be advised	ED84	Bachelor of Adult and Community Learning	A\$7000
000783G	ED90	Bachelor of Education (Secondary)	A\$7000
000783G	ED91	Bachelor of Education (Primary)	A\$7000
000783G	ED92	Bachelor of Education (Early Childhood)	A\$7000
Not required	ED93	Bachelor of Education (Preservice Early Childhood)	A\$1750 per unit

## SCHEDULE 2 - FEES AND CHARGES

031572G	ED95	Bachelor of Education (Secondary) Graduate Course	A\$7000
031572G	ED96	Bachelor of Education (Primary) Graduate Course	A\$7000
031572G	ED97	Bachelor of Education (Early Childhood) Graduate Course	A\$7000
003490G	EE41	Bachelor of Engineering (Electrical and Computer Engineering)	A\$10,000
040309C	EE46	Bachelor of Engineering (Computer Systems)	A\$10,000
040308D	EE47	Bachelor of Engineering (Telecommunications)	A\$10,000
037543G	EE48	Bachelor of Engineering (Aerospace Avionics)	A\$10,500
043119G	EE61	Graduate Certificate in Computer and Communications Engineering	A\$10,500
015184G	EE67	Graduate Diploma in Computer and Communications Engineering	A\$10,500
040343A	EE74	Master of Engineering Science (Computer and Communications Engineering)	A\$10,500
042260K	EE77	Master of Engineering Science (Electrical Engineering Studies)	A\$10,500
043122A	GS37	Master of Entrepreneurship and Innovation	A\$11,500
046861G	GS74	Graduate Diploma of Business Administration	A\$11,500
045502F	GS75	Master of Business Administration (MBA)	A\$11,500
045503E	GS76	Master of Business Administration (Major)	A\$11,500
046863F	GS77	Master of Entrepreneurship and Innovation	A\$11,500
046862G	GS78	Graduate Diploma in Entrepreneurship and Innovation	A\$11,500
046864E	GS79	Master of Entrepreneurship and Innovation/Master of Business Administration	A\$11,500
046051J	GS83	Graduate Certificate in Entrepreneurship and Innovation	A\$11,500
046047E	GS84	Graduate Diploma in Entrepreneurship and Innovation	A\$11,500
003468F	GS85	Master of Business Administration (MBA)	A\$11,500
002621K	GS86	Graduate Diploma in Business Administration	A\$11,500
031575D	GS87	Graduate Certificate in Business Administration	A\$11,500
046046F	GS88	Master of Entrepreneurship and Innovation/Master of Business Administration	A\$11,500
012664E	GS93	Graduate Certificate in Management	A\$11,500
043117J	GS97	Master of Business Administration (Major)	A\$11,500
037577J	HH01	Bachelor of Arts	A\$7000
001819D	HH02	Bachelor of Social Science (Human Services)	A\$7000
001819D	HH02	Bachelor of Social Science (Human Services)	A\$7000
001819D	HH04	Bachelor of Social Science	A\$7000
020294D	HH21	Bachelor of Arts (Honours)	A\$7500
027279B	HH22	Bachelor of Social Science (Honours) (Human Services)	A\$7500
027279B	HH23	Bachelor of Social Science (Honours)	A\$7500
040287D	HH30	Graduate Certificate in Social Science (Human Services)	A\$7500
027280J	HH31	Graduate Diploma in Social Science (Human Services)	A\$7500
027281G	HH32	Master of Social Science (Human Services)	A\$7500
012707K	HH40	Master of Arts (Research) (Humanities and Human Services)	A\$7500
048293G	HH50	Doctor of Social Science	A\$10,000
027285D	HL38	Graduate Certificate in Health Science	A\$8500
031578A	HL40	Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies)	A\$8000
031579M	HL42	Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies)	A\$8000
047455C	HL43	Bachelor of Health Science (Podiatry)/Bachelor of Applied Science (Human Movement Studies)	A\$8000
031576C	HL46	Bachelor of Nursing/Bachelor of Health Science (Public Health)	A\$8000
016355G	HL50	Bachelor of Nursing (Honours)	A\$8500
043118G	HL52	Bachelor of Applied Science (Honours)	A\$8500
027284E	HL55	Bachelor of Health Science (Honours)	A\$8500
020308C	HL68	Graduate Diploma in Health Science	A\$8500
007897G	HL84	Master of Applied Science (Research)	A\$8500
009030K	HL88	Master of Health Science	A\$8500
037680K	HL90	Doctor of Health Science	A\$10,000
012659B	HM42	Bachelor of Applied Science (Human Movement Studies)	A\$8000
047456B	HM45	Bachelor of Applied Science (Exercise and Sports Nutrition)	A\$8000
040291G	IF02	Graduate Diploma in Creative Industries (Arts and Cultural Management)	A\$8500
040292G	IF03	Graduate Diploma in Creative Industries (Creative & Media Enterprises)	A\$8500
040290J	IF04	Master of Creative Industries (Arts Management & Creative Enterprise)	A\$8500
040312G	IF05	Bachelor of Journalism/Bachelor of Business (Advertising, International Business, Public Relations)	A\$8000
039083D	IF06	University Diploma in Professional Communication	A\$6750
040313G	IF07	Bachelor of Journalism/Bachelor of Laws	A\$8500
040286E	IF09	Bachelor of Creative Industries (Media and Communication)/Bachelor of Business (Advertising, International Business, Public Relations)	A\$8000
040288C	IF10	Bachelor of Creative Industries (Media and Communication)/Bachelor of Laws	A\$8500
020329J	IF21	Bachelor of Engineering (Electrical and Computer Engineering)/ Bachelor of Mathematics	A\$10,000
037542J	IF27	Bachelor of Mass Communication	A\$8000
027278C	IF28	Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business	A\$10,000

## SCHEDULE 2 - FEES AND CHARGES

020327M	IF29	Bachelor of Applied Science/Bachelor of Information Technology	A\$9000
027275F	IF30	Bachelor of Arts/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)	A\$8000
037539D	IF30	Bachelor of Arts/Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management or Public Relations)	A\$8000
006386F	IF37	Bachelor of Business (Accountancy)/Bachelor of Laws	A\$8500
006385G	IF38	Bachelor of Information Technology/Bachelor of Laws	A\$9000
012661G	IF39	Bachelor of Applied Science/Bachelor of Laws	A\$9000
006386F	IF41	Bachelor of Business (Banking and Finance, Economics or Marketing)/Bachelor of Laws	A\$8500
006386F	IF41	Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Laws	A\$8500
027276E	IF43	Bachelor of Arts/Bachelor of Laws	A\$8500
027277D	IF47	Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)/Bachelor of Health Science (Health Services Management)	A\$8000
027277D	IF47	Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Health Science (Health Services Management)	A\$8000
022137A	IF48	Bachelor of Business/Bachelor of Information Technology	A\$9000
043231G	IF49	Doctor of Philosophy (Creative Industries)	A\$10,000
012693M	IF49	Doctor of Philosophy	A\$10,000
006365M	IF49B	Doctor of Philosophy (Business)	A\$10,000
006367J	IF49E	Doctor of Philosophy (Built Environment, Engineering)	A\$11,000
012646G	IF49ED	Doctor of Philosophy (Education)	A\$8000
006374K	IF49H	Doctor of Philosophy (Health)	A\$10,000
006378F	IF49IT	Doctor of Philosophy (Information Technology)	A\$10,000
015024B	IF49L	Doctor of Philosophy (Law)	A\$10,000
012650M	IF49M	Doctor of Philosophy (Mathematics)	A\$10,000
006381M	IF49SC	Doctor of Philosophy (Science)	A\$10,500
020327M	IF58	Bachelor of Mathematics/Bachelor of Information Technology	A\$9000
006384G	IF59	Bachelor of Engineering (Electronics)/Bachelor of Information Technology	A\$10,000
027274G	IF60	Bachelor of Mathematics/Bachelor of Business (Accountancy, Banking and Finance or Economics)	A\$9000
042263G	IF61	Bachelor of Applied Science/Bachelor of Business	A\$9000
020328K	IF62	Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)	A\$8000
020328K	IF62	Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)	A\$8000
031581F	IF86	Bachelor of Arts/Bachelor of Applied Science	A\$9000
040317C	IF90	Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology	A\$9000
040289B	IF93	Bachelor of Creative Industries (Creative Writing) / Bachelor of Laws	A\$8500
048325E	IF94	Graduate Certificate in Advertising	A\$8500
048328B	IF95	Graduate Diploma in Advertising (Strategic Advertising)	A\$8500
048322G	IF96	Master of Advertising (Strategic Advertising)	A\$8500
025283M	IT10	University Diploma in Information Technology	A\$7000
012656E	IT21	Bachelor of Information Technology	A\$9000
017323G	IT28	Bachelor of Information Technology (Honours)	A\$9500
017323G	IT29	Bachelor of Information Technology (Honours) - Accelerated Program	A\$9500
018771J	IT35	Graduate Diploma in Information Technology (IT Graduates)	A\$9500
018771J	IT38	Graduate Diploma in Information Technology (Non-IT Graduates)	A\$9500
003776E	IT40	Master of Information Technology (IT Graduates)	A\$9500
003776E	IT45	Master of Information Technology (Non-IT Graduates)	A\$9500
053123F	IT48	Master of Information Technology (Advanced)	A\$9500
020309B	IT60	Master of Information Technology (Research)	A\$9500
020316C	IX01	Bachelor of Arts/Bachelor of Education (Secondary)	A\$7000
020322E	IX02	Bachelor of Applied Science/Bachelor of Education (Secondary)	A\$9000
020322E	IX02	Bachelor of Applied Science/Bachelor of Education (Secondary)	A\$9000
020321F	IX03	Bachelor of Business(Accountancy and Economics)/Bachelor of Education (Secondary)	A\$8000
020323D	IX04	Bachelor of Applied Science (in Human Movement Studies)/ Bachelor of Education (Secondary)	A\$8000
040314F	IX05	Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary)	A\$8000
040315E	IX06	Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary)	A\$8000
020319M	IX07	Bachelor of Music/Bachelor of Education (Secondary)	A\$9000
040316D	IX08	Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary)	A\$8000
022136B	IX09	Bachelor of Information Technology/Bachelor of Education (Secondary)	A\$9000
020316C	IX11	Bachelor of Arts/Bachelor of Education (Early Childhood)	A\$7000
020316C	IX12	Bachelor of Arts/Bachelor of Education (Primary)	A\$7000
037540M	IX14	Bachelor of Applied Science/Bachelor of Education (Primary)	A\$9000
053489J	IX20	Master of Psychology (Educational and Developmental)	A \$8500
048328B	IX95	Graduate Diploma in Advertising (Creative Advertising)	A\$8500



## SCHEDULE 2 - FEES AND CHARGES

048322G	IX96	Master of Advertising (Creative Advertising)	A\$8500
036433M	JS25	Graduate Certificate in Justice	A\$8500 per sem, \$2125 per unit
Not required	JS26	Graduate Certificate in Critical Criminology	A\$2125 per unit
Not required	JS27	Graduate Certificate in Organised Crime and Corruption Investigation	A\$2125 per unit
Not required	JS28	Graduate Certificate in Justice Policy	A\$2125 per unit
Not required	JS29	Graduate Certificate in Strategic Intelligence	A\$2125 per unit
006117E	JS31	Bachelor of Justice	A\$8000
020313F	JS40	Bachelor of Justice (Honours)	A\$8500
020311G	JS51	Master of Justice by Coursework	A\$8500
020310J	JS52	Master of Justice (Research)	A\$8500
040305G	KC32	Bachelor of Creative Industries (Media and Communication)	A\$8000
Not required	KD16	University Certificate in Dance Teaching	A\$6000
Not required	KD17	University Diploma in Dance Teaching	A\$6000
032393B	KD25	Bachelor of Fine Arts (Dance)	A\$8000
040303J	KD32	Bachelor of Creative Industries (Dance)	A\$8000
Not required	KD35	Graduate Certificate in Creative Industries (Dance Teaching)	A\$6000
Not required	KD36	Graduate Diploma in Creative Industries (Dance Teaching)	A\$6000
Not required	KD42	Master of Creative Industries (Dance Teaching)	A\$6000
046860J	KF25	Bachelor of Fine Arts (Fashion Design)	A\$8000
052995K	KI26	Bachelor of Fine Arts (Animation)	A\$9500
040304G	KI32	Bachelor of Creative Industries (Communication Design)	A\$9000
043124K	KI35	Graduate Certificate in Creative Industries (Communication Design)	A\$9500
043123M	KI36	Graduate Diploma in Creative Industries (Communication Design)	A\$9500
031870G	KI43	Master of Creative Industries (Communication Design)	A\$9500
040293F	KJ32	Bachelor of Journalism	A\$8000
040323E	KJ35	Graduate Certificate in Journalism	A\$8500
040340D	KJ36	Graduate Diploma in Journalism	A\$8500
040297B	KK32	Bachelor of Creative Industries (Interdisciplinary)	A\$8000
016349F	KK42	Master of Fine Arts	A\$8500
050166G	KK48	Master of Creative Industries	A\$10,000
046050K	KK49	Doctor of Creative Industries	A\$10,000
046055E	KK51	Master of Arts (Research) (Creative Industries)	A\$8500
040321G	KK52	Bachelor of Creative Industries (Honours) (Creative Writing/Media and Communication/Communication Design/Dance/Drama/Interdisciplinary/Visual Arts)	A\$8500 (Comm Design major: A\$9500)
040320G	KK53	Bachelor of Fine Arts (Honours) (Dance/Creative Writing/Film & Television Production/Visual Arts/Communication Design)	A\$8500 (Comm Design major: A\$9500)
040326B	KK54	Bachelor of Journalism (Honours)	A\$8500
031574E	KK55	Bachelor of Music (Honours)	A\$9500
022140F	KM32	Bachelor of Music	A\$9000
034715F	KM35	Graduate Certificate in Music	A\$9500
034717D	KM36	Graduate Diploma in Music	A\$9500
034710M	KM42	Master of Music	A\$9500
040299M	KP25	Bachelor of Fine Arts (Film and Television)	A\$9000
048294G	KP32	Bachelor of Creative Industries (Television)	A\$9000
040324D	KP36	Graduate Diploma in Creative Industries (Film and Television)	A\$9500
040300A	KS25	Bachelor of Fine Arts (Acting)	A\$8000
040301M	KS26	Bachelor of Fine Arts (Technical Production)	A\$8000
040298A	KT32	Bachelor of Creative Industries (Drama)	A\$8000
046043J	KT35	Graduate Certificate in Creative Industries (Drama Teaching)	A\$8500
046672B	KT36	Graduate Diploma in Creative Industries (Drama Teaching)	A\$8500
046674M	KT42	Master of Creative Industries (Drama Teaching)	A\$8500
040302K	KV25	Bachelor of Fine Arts (Visual Arts)	A\$8000
040295D	KV32	Bachelor of Creative Industries (Visual Arts)	A\$8000
040306F	KW25	Bachelor of Fine Arts (Creative Writing Production)	A\$8000
040296C	KW32	Bachelor of Creative Industries (Creative Writing)	A\$8000
040322F	KW35	Graduate Certificate in Creative Industries (Creative Writing)	A\$8500
046673A	KW36	Graduate Diploma in Creative Industries (Creative Writing)	A\$8500
009034F	LP41	Graduate Diploma in Legal Practice	A\$14,000 per 24 week teaching period
020331D	LS37	Bachelor of Applied Science (Medical Science)	A\$9000
037681J	LS50	Bachelor of Biotechnology Innovation (Extended/Non-Accelerated)	A\$8000
037681J	LS50	Bachelor of Biotechnology Innovation (Standard/Accelerated)	A\$8000
016957B	LS70	Graduate Diploma in Biotechnology	A\$8500
018479B	LS80	Master of Biotechnology	A\$9000

## SCHEDULE 2 - FEES AND CHARGES

003486D	LW33	Bachelor of Laws	A\$8500
018380B	LW42	Bachelor of Justice/Bachelor of Laws	A\$8500
012652J	LW50	Doctor of Juridical Science	A\$10,000
006380A	LW51	Master of Laws	A\$8500
012654G	LW52	Master of Laws (Research)	A\$8500
027286C	LW60	Graduate Certificate in Law	A\$8500
040307E	LW65	Graduate Certificate in Legal Studies	A\$8500
040318B	LW70	Graduate Diploma in Legal Studies	A\$8500
049433D	MA54	Bachelor of Mathematics	A\$8000
046044G	MA65	Graduate Certificate in Mathematical Science	A\$8500
046041M	MA75	Graduate Diploma in Mathematical Science	A\$8500
046042K	MA85	Master of Mathematical Science	A\$9000
020303G	ME36	Bachelor of Technology (Mechanical) Conversion Program	A\$10,000
037550J	ME40	Bachelor of Engineering (Infomechatronics)	A\$10,000
003490G	ME41	Bachelor of Engineering (Mechanical)	A\$10,000
003490G	ME41	Bachelor of Engineering (Mechanical) Conversion Program from Bachelor of Technology ME36/ME37	A\$10,000
003490G	ME48	Bachelor of Engineering (Medical)	A\$10,500
018208C	ME75	Graduate Certificate in Engineering Management	A\$10,500
006368G	ME76	Master of Engineering Management	A\$10,500
Not required	NA05	International Visiting Students	A\$2000 per unit
003501K	NS40	Bachelor of Nursing	A\$8000
046054F	NS40	Bachelor of Nursing - Graduate Entry	A\$8000
047457A	NS45	Bachelor of Nursing and Health Services Management	A\$8000
015086K	NS64	Graduate Diploma in Nursing	A\$8500
040342B	NS68	Graduate Diploma in Midwifery	A\$8500
012644J	NS85	Master of Nursing	A\$8500
009031J	OP42	Bachelor of Applied Science (Optometry)	A\$10,000
037588F	PH38	Bachelor of Applied Science - Medical Radiation Technology (Radiotherapy Technology)	A\$9000
037588F	PH38	Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology)	A\$9000
020315D	PH71	Graduate Diploma in Applied Science (Medical Physics)	A\$8500
043548G	PH80	Master of Applied Science (Medical Physics)	A\$9000
016354J	PS47	Bachelor of Surveying	A\$10,000
003478D	PS66	Graduate Diploma in Landscape Architecture	A\$10,500
020299K	PS70	Master of Urban and Regional Planning	A\$10,500
020301K	PS71	Master of Landscape Architecture	A\$10,500
003477E	PS72	Graduate Diploma in Urban and Regional Planning	A\$10,500
036436G	PS73	Graduate Certificate in Geomatics	A\$10,500
036437G	PS74	Graduate Diploma in Geomatics	A\$10,500
037545F	PS75	Graduate Certificate in Landscape Techniques	A\$10,500
037546E	PS76	Graduate Certificate in Landscape Design	A\$10,500
040337K	PS78	Graduate Diploma in Geographic Information Systems	A\$10,500
040339G	PS79	Graduate Certificate in Geographic Information Systems	A\$10,500
040336M	PS82	Graduate Certificate in Planning Studies	A\$10,500
048295F	PU30	Graduate Certificate in Public Health	A\$10,000
022142D	PU40	Bachelor of Health Science (Health Information Management or Health Services Management)	A\$8000
022142D	PU40	Bachelor of Health Science (Nutrition)	A\$8000
022142D	PU40	Bachelor of Health Science (Public Health)	A\$8000
022143C	PU43	Bachelor of Health Science (Nutrition and Dietetics)	A\$8000
022143C	PU43	Bachelor of Health Science (Podiatry)	A\$8000
020306E	PU60	Graduate Diploma in Public Health	A\$10,000
020307D	PU65	Graduate Diploma in Health, Safety and Environment	A\$8500
009029C	PU85	Master of Public Health	A\$10,000
036434K	PY08	Graduate Diploma in Psychology	A\$8500
034711K	PY09	Bachelor of Psychology (Honours)	A\$8500
052769J	PY18	Master of Clinical Psychology	A\$8500
034714G	PY20	Postgraduate Diploma in Psychology	A\$8500
040334B	PY40	Graduate Certificate in Road Safety	A\$8500
040335A	PY41	Graduate Diploma in Road Safety	A\$8500
034136C	PY45	Bachelor of Behavioural Science (Psychology)	A\$8000
003287M	QC01	Foundation Program (1 Semester)	A\$6500
003287M	QC02	Foundation Program (2 Semesters)	A\$6500
003518A	QC03	Bridging Program	A\$6500
050167G	QC04	Extended Foundation Program (3 Semesters)	A\$14,300 (full course fee)

## SCHEDULE 2 - FEES AND CHARGES

011424G	QC10	English for Academic Purposes for degree programs	A\$3600 per 12 week session + A\$100 enrolment fee
011426E	QC20	General English	A\$1500 per 5 week session + A\$100 enrolment fee
003502J	SC01	Bachelor of Applied Science	A\$8000
003502J	SC01	Bachelor of Applied Science (First-year Program) (Carseldine only)	A\$8000
003502J	SC01 + SC60	Bachelor of Applied Science and Bachelor of Applied Science (Honours) - Dean's Scholars Accelerated Honours Program	A\$10,000
049434C	SC20	Bachelor of Applied Science/Bachelor of Mathematics	A\$8000
052768K	SC40	Bachelor of Biomedical Science	A\$8000
009041G	SC60	Bachelor of Applied Science (Honours)	A\$9000
020314E	SC71	Graduate Diploma in Applied Science	A\$8500
014020C	SC80	Master of Applied Science (Research)	A\$9500
012704B	UO10	Study Abroad Scheme	A\$7500

**TABLE D - DOMESTIC UNDERGRADUATE NON-AWARD TUITION FEES**

These fees are set in accordance with rule 24(3), QUT Student Rules by the authority of the Vice-Chancellor.

Course Code	Course Type	Fee per credit point	
		2004	2005
BS20	Management Certificate (Undergraduate)	\$80	\$90
KD05	Certificate in Dance Teaching	\$70	\$80
KD06	Advanced in Certificate in Dance Teaching	\$70	\$80

**TABLE E - SUMMER PROGRAM TUITION FEES (INCLUDING HECS COURSES WITH SUMMER AS NORMAL PROGRESSION)**

These fees are set in accordance with rule 24(5), QUT Student Rules by the authority of the Vice-Chancellor. Does not include International Student Tuition Fees.

SUMMER PROGRAM TUITION FEES	Units with a census date in 2004	Units with a census date in 2005
Students enrolled in existing fee-paying courses	Standard Tuition fee applies	Standard Tuition fee applies
Commonwealth supported students enrolled in a course in standard semesters, who elect to undertake Summer Program studies (eg accelerated or remedial studies). <b>Except Faculty of Law</b>	\$70 per credit point	\$90 per credit point
Commonwealth supported students enrolled in a course in standard semesters, who elect to undertake Summer Program studies (eg accelerated or remedial studies). <b>Faculty of Law</b>	\$80 per credit point	\$100 per credit point
Commonwealth supported students enrolled in a Summer Program unit that is part of the normal course progression. Faculty recommendation only.	Student contribution	Student contribution
Visiting students	Refer to Table F	Refer to Table F

COURSES WITH SUMMER AS NORMAL PROGRESSION		
Faculty of Built Environment and Engineering		
CE45	Bachelor of Engineering (Civil) - Mid-year entry	Student contribution
	Dean's Scholars	Student contribution
	Mid-year entry students into other Engineering courses	
Faculty of Education		
ED20	Graduate Diploma in Education (Early Childhood)	Student contribution
Faculty of Science		
SC01	Dean's Scholars - (accelerated)	Student contribution
LS50	Bachelor of Biotechnology Innovation	Student contribution
PH80	Masters in Applied Science	Student contribution

**TABLE F - VISITING STUDENT TUITION FEES**

These fees are set in accordance with rule 24(3), QUT Student Rules by the authority of the Vice-Chancellor.

STUDENT TYPE	2004 FEE PER CREDIT POINT	2005 FEE PER CREDIT POINT
Students enrolled in <b>any undergraduate</b> unit (except Faculty of Law)	\$80	\$90
Students enrolled in <b>any undergraduate</b> unit (Faculty of Law)	\$80	\$100
Students enrolled in a <b>postgraduate</b> unit offered by <b>QUT Carseldine, Creative Industries, Faculties of Education or Health</b>	\$80	\$90
Students enrolled in a <b>postgraduate</b> unit offered by the <b>Faculty of Science</b>	\$90	\$100

## SCHEDULE 2 - FEES AND CHARGES

Students enrolled in a <b>postgraduate</b> unit offered by the <b>Faculty of Law</b>	\$100	\$120
Students enrolled in a <b>postgraduate</b> unit offered by the <b>Faculty Built Environment and Engineering</b>	\$100	\$110
Students enrolled in a <b>postgraduate</b> unit offered by the <b>Faculty of Business</b>	\$110	\$110
Students enrolled in a <b>postgraduate</b> unit offered by the <b>Faculty of Information Technology</b>	\$90	\$100

**TABLE G - STUDENT GUILD FEE**

These fees are set in accordance with rule 22, QUT Student Rules by the authority of QUT Council.

<b>Attendance Mode</b>	<b>2005</b>
Full-time	\$242.00
Part-time	\$121.00
External	\$48.40

**TABLE H - QUT ADMINISTRATIVE CHARGES**

These charges are set in accordance with rule 24, QUT Student Rules by the authority of the Registrar.

<b>TYPE OF ADMINISTRATIVE CHARGE</b>	<b>2005 CHARGE (INC GST)</b>
Late lodgement of application for admission	\$50.00
Late lodgement of enrolment form	\$50.00
Late addition to enrolment program	\$50.00
Addition to enrolment program not made on prescribed form	\$50.00
Reinstatement of enrolment following administrative cancellation	\$100.00
Review of Pass Grades (refundable):	
Step 2: school level review	\$20.00
Step 3: faculty level review	\$30.00
Copy of examination script	\$10.00
Statement of Academic Record	\$10.00
Re-issue of student ID card	\$10.00
Re-issue of Award Certificate	\$50.00
Re-issue of receipt for fees paid/statement of fees paid	\$10.00
Late fee for non-payment of fees	\$50.00

**TABLE I - DOMESTIC TUITION CANCELLATION CHARGES**

These fees are set in accordance with rule 26, QUT Student Rules by the authority of the Vice-Chancellor.

Students should note that academic penalties may also apply to withdrawal of units. Refer to Schedule 1: Unit Addition and Withdrawal for more information.

<b>UNIT TEACHING PERIOD</b>	<b>WITHDRAWAL RULE</b>	<b>CANCELLATION CHARGE</b>
<b>Unit Teaching Period</b> <b>Semester 1 (SEM-1)</b> <b>Semester 2 (SEM-2)</b>	Commonwealth supported place: on or before census date	NIL
	Commonwealth supported place: after census date	100% student contribution
	Tuition fee place: on or before end of week 2	NIL
	Tuition fee place: after end of week 2 to on or before census date	25% of tuition fee*
	Tuition fee place: after census date	100% of tuition fee
<b>6 Week Teaching Period (6TP1-6)</b> <b>Summer Program (SUM)</b> <b>Summer Program 1 (SUM-1)</b> <b>Summer Program 2 (SUM-2)</b>	Commonwealth supported place: on or before census date	NIL
	Domestic tuition/PELS: before 1st day of teaching period	NIL
	Commonwealth supported place: after census date	100% of student contribution
	Tuition fee place: before 1st day of teaching period	NIL
	Tuition fee place: on or after 1st day of teaching period but before end of week 2	25% of tuition fee*
<b>21 Week Teaching Period (21TP1-2)</b>	Tuition fee place: after end of week 2	100% of tuition fee
	Tuition fee place: on or before end of week 2	NIL
	Tuition fee place: after end of week 2 but before the end of week 6	25% of tuition fee*
	Tuition fee place: after end of week 6	100% of tuition fee
	Tuition fee place: before 1st day of teaching period	NIL
<b>5 Week Teaching Period (5TP1-9)</b>	Tuition fee place: on or after 1st day of teaching period but before end of week 2	25% of unit tuition fee*
	Tuition fee place: after end of week 2	100% of unit tuition fee

\* 25% cancellation charge cannot be deferred to the ATO via FEE-HELP. Students in this situation will receive an invoice from QUT.

## SCHEDULE 2 - FEES AND CHARGES

**TABLE J - INTERNATIONAL TUITION CANCELLATION CHARGES**

These fees are set in accordance with rule 26, QUT Student Rules by the authority of the Vice-Chancellor.

Students should note that academic penalties may also apply to withdrawal of units. Refer to Schedule 1.

UNIT TEACHING PERIOD	WITHDRAWAL RULE	CANCELLATION CHARGE
<b>Semester 1 (SEM-1)</b>	From entire course, due to inability to obtain a visa or meet all the conditions stated in offer letter (commencing students only)	100% of tuition fee refunded
<b>Semester 2 (SEM-2)</b>		
<b>13 Week Teaching Period (13TP1-3)</b>	From entire course, prior to commencement date of teaching period (commencing students only)	10% of first semester's tuition fee retained
<b>12 Week Teaching Period (12TP1-3)</b>	From entire course or leave of absence, within first four weeks of teaching period	50% of first semester's tuition fee retained
	From entire course or leave of absence, after first four weeks of teaching period	100% of first semester's tuition fee retained
	From a unit(s) within first four weeks of teaching period	100% of unit tuition fee refunded
	From a unit(s) after first four weeks of teaching period	100% of unit tuition fee retained
<b>6 Week Teaching Period (6TP1-6)</b>	From entire course, due to inability to obtain a visa or meet all the conditions stated in offer letter (commencing students only)	100% of tuition fee refunded
	From entire course, prior to commencement date of teaching period (commencing students only)	10% of first semester's tuition fee retained
	From entire course or leave of absence, within first two weeks of teaching period	50% of first semester's tuition fee retained
	From entire course or leave of absence, after first two weeks of teaching period	100% of first semester's tuition fee retained
	From a unit(s) within first two weeks of teaching period	100% of unit tuition fee refunded
	From a unit(s) after first two weeks of teaching period	100% of unit tuition fee retained
<b>Summer Program (SUM)</b>	From a unit(s) within first two weeks of teaching period	100% of unit tuition fee refunded
	From a unit(s) after first two weeks of teaching period	100% of unit tuition fee retained
<b>5 Week Teaching Periods (5TP1-9)</b>	Withdrawal from course more than 28 days before commencement	100% of fees refunded
<b>QUTIC English Language Programs</b>	Withdrawal from course less than 28 days before course commencement	80% of fees refunded
<b>Non package offers</b>	Withdrawal from course after commencement General English (QC20, QC21)	100% of current teaching period fees are retained, 80% of remaining balance is refunded
<b>12TP1-3 (EAP)</b>	Withdrawal from course more than 28 days before commencement	100% of fees refunded
<b>Non package offers</b>	Withdrawal from course less than 28 days before course commencement	80% of fees refunded
	Withdrawal from EAP (QC10) course after commencement	100% of fees retained
<b>English Language (ELP) package programs</b>	Withdrawal from course before commencement of ELP classes	10% of fees retained
	From entire course, due to inability to obtain a visa or meet all the conditions stated in offer	100% of tuition fee refunded

## ACCESS TO ASSESSMENT RESULTS

The University is committed to a policy of openness with respect to the release of assessment results. QUT policy on access to assessment results and/or marks is as follows:

- For units where percentage marks are calculated, such marks will be placed on the confidential individual student records located in the QUT Virtual web pages (<https://qutvirtual.qut.edu.au/>).
- Faculty academic boards must make appropriate arrangements for students who request to peruse their own examination scripts or written answers to examination questions or other forms of assessment, provided that the request is made within three months of the release of the examination results. Should students request a photocopy of their script, a fee will be levied.
- Where examination question papers or other forms of assessment will be re-used in successive examinations, faculty academic boards must arrange for students to receive advice on their performance with reference to their own examination scripts in a way which does not prejudice the examination mode.

## ASSESSMENT FOR STUDENTS WITH DISABILITIES

Students with permanent or temporary disability have the right to alternative arrangements for assessment which provide equality of opportunity to enable students to fulfil course requirements.

Students should contact the relevant campus Disability Officer early in the teaching period and preferably prior to the published date for withdrawal without financial penalty for the relevant teaching period.

Alternative arrangements for assessment are negotiated between the student, Disability Officer and the course coordinator.

Students are required to present evidence to the Disability Officer, usually in the form of documentation from a medical or other relevant specialist practitioner which substantiates the nature of the special need. The University adheres to principles of confidentiality and privacy and documentation together with records of interviews, are maintained by the Disability Officer.

The Disability Officer will develop a service plan which includes recommendations for alternative arrangements for assessment for approval by the relevant course coordinator. Service plans are reviewed and re-negotiated each semester. The student will be advised in writing of any alternative arrangements for their assessment.

Further information on support provided by the University for students with disabilities is contained in the Guide for Students with Disabilities. Refer also to University policy on disability services (see section A/8.3).

### a) Centrally organised assessment

For centrally organised examinations, responsibility for the conduct and administration of alternative assessment provisions for students with disabilities, including the costs of employing invigilators, personal assistants and providing examination materials, rests with the Student Business Services Department.

### b) School-based assessment

For assessment other than central examinations, administrative and financial responsibility, including organisation of appropriate equipment and support personnel, rests with faculties and schools.

## QUT POLICY ON CHILDREN OF STUDENTS ON CAMPUS

QUT recognises the diversity of needs and demands placed on staff and students when balancing work, study and family responsibilities, and that occasionally it may be necessary to bring a child or children onto campus.

This policy should be read in conjunction with the University's policy on childcare and family responsibilities (see section A/8.6).

### Application

The children on campus policy applies to all students and staff members. This policy does not apply to situations where a child is brought on campus for the purpose of attending a registered child care facility, the Early Childhood Development Unit, clinics and approved programs such as vacation care.

### Principles

Under the Queensland Workplace Health and Safety Act 1995 QUT has obligations to ensure the health and safety of all, including children, at or near the workplace. The legislation requires that students and staff meet the following obligations:

- to follow instructions related to their study or employment at QUT
- to not interfere with or misuse anything provided for health and safety
- to not place others or themselves at risk..

Consistent with these obligations, a student or staff member must consider the following issues prior to bringing a child on campus.

- It is anticipated that students will make all reasonable attempts to arrange alternative childcare before bringing a child to the workplace.
- It is anticipated that staff will make all reasonable attempts to arrange alternative child care before bringing a child to the workplace or avail themselves of flexible work practices (eg flexitime) or leave options (eg Personal leave) where available and appropriate.
- Approval to bring a child on campus should be obtained from the relevant staff member or supervisor as soon as practical, ie in advance if possible or on arrival.
- Children must not enter areas where potentially dangerous equipment or hazardous substances are present or areas that are subject to particular statutory or local regulations.
- A common sense approach is necessary when bringing children on campus. For example, children recently exposed to an infectious illness (eg chicken pox, rubella, mumps etc), or who are known to be ill, must not be brought on campus.
- It is important that the child's presence on campus does not result in disruption to the workplace, including classes and non-teaching areas such as the Library.

Further information and detailed procedures relating to this policy are available from HR Health and Safety Advisory Services.

## INFORMATION ACCESS AND PRIVACY

QUT's functions necessitate the collection and use of personal information about its students, staff and other clients. QUT recognises that, in collecting, storing, and using this information, it has obligations for the protection of personal privacy.

QUT's commitment to protecting privacy is part of a broader framework of privacy compliance requirements applying to Queensland government departments and agencies, including statutory authorities such as QUT. The privacy regime is found in Information Standard No 42 - Information Privacy (IS42) and supporting guidelines. Implementation of this standard by QUT is mandatory, as the standard has been issued under the *Financial Administration and Audit Act 1977*.

### General principles and responsibilities for privacy

QUT must comply with 11 information privacy principles, which govern how personal information is collected, stored, used and disclosed. QUT recognises that staff and students, both past and present, and other clients and individuals having links to QUT, have a legitimate expectation that the University will protect and appropriately manage the personal information it collects and holds about them.

It is the responsibility of all staff to respect personal privacy in so far as they collect, access or use personal information in the course of their duties, and to comply with the specific requirements of this policy. Privacy must also be appropriately respected in the human research context, and all researchers must comply with the University's specific policy settings and procedures for research involving personal information.

The functions of many organisational units within the University require the collection or management of personal information, and responsibility for implementing business processes which are consistent with privacy principles rests with the head of each organisational unit. The Registrar, as chief administrative officer, has general responsibility for privacy management, and has designated a Privacy Contact Officer in the University Secretariat to facilitate the implementation of IS42 at QUT.

### Definition of personal information

This policy applies to 'personal information'. This is defined as any information or opinion, whether true or not, and whether recorded in a material form or not, about an individual whose identity is apparent, or can reasonably be ascertained, from the information or opinion. For the purposes of this definition, information includes unique identifiers such as student/staff numbers, tax file numbers, photographs and images, and extends to information in any format. Where data is recorded in a way which does not link it to a known individual, then the privacy principles do not apply.

### Collection of personal information

In accordance with Information Privacy Principles 1-3, personal information should be collected by the University for inclusion in its records or publications only where:

- it is collected for a lawful purpose relating to a function or activity of the University;
- the information is relevant to the purpose of collection; and
- the information is as up-to-date and complete as can reasonably be expected.

Moreover, the University must not collect personal information by unlawful, unfair or intrusive means, and must take reasonable steps to ensure that an individual from whom information is collected is generally aware of:

- the purpose for which the personal information is being collected;
- the authority for collecting the information; and
- the University's usual practices for disclosure.

These general principles have a number of implications for an organisational unit engaged in activities requiring the collection of personal information:

- the need to regularly review data collection activities to exclude collection of personal information irrelevant to the business process or where there is no specific and immediate use for the information collected (privacy principles are infringed if personal information is collected just because it might be useful in the future);
- the need to develop appropriate privacy notices when collecting information directly from the person concerned, whether the collection occurs orally (in interviews or telephone calls), in writing or via hard copy or electronic forms;

- the need to determine whether recording names or other identifying details is necessary (for instance, whether data can be recorded in a de-identified way when undertaking surveys or other statistical analysis).

Special considerations apply to data collection practices in the context of human research. Staff or students undertaking research where identified or re-identifiable personal information data is involved must comply with the guidelines issued by the University's Human Research Ethics Committee governing appropriate data collection methodologies and practices.

Guidelines have been developed to assist in the preparation of privacy notices [pending].

### Access to personal information records

A significant means of protecting personal privacy within the University is by ensuring that individual staff access personal information records (whether in physical files or computerised formats) only where there is a legitimate need to do so, and only to the extent required to perform the staff member's duties. This is consistent with Information Privacy Principle 4.

Management of access is a responsibility of the head of each organisational unit for personal information records held by that unit. The head of the unit is also responsible for granting, for staff within the unit, appropriate permissions for access to QUT's information systems. Access to personal information in information systems should be granted on the 'least privilege principle' in accordance with the Information Systems Security policy (MOPP F/1.2), so that rights to modify personal information are granted with particular care. Systems and processes should be in place to revoke access that is no longer required, for example, in the case of a change in position or formal responsibilities or termination of employment.

For personal data in information systems, the system custodian has formal responsibility for access permissions and management. Access rights should be formally documented and reviewed periodically.

### Security of personal information

Consistent with Information Privacy Principle 4, the University has a responsibility to implement procedures to protect the security of personal information, to prevent loss and unauthorised access, use, modification, disclosure or any other misuse of such information.

#### Computerised records

All staff must take responsibility for IT security, as this is an integral means of protecting personal privacy. Detailed arrangements for management of information security are found in the Information Systems Security Policy (MOPP F/1.2). Individual user responsibilities relating to security are outlined in QUT's Information Facilities Rules (MOPP Appendix 1(c)).

#### Security of physical (hard copy) files and records

Personal information records held in physical files must also be secured - care should be taken by all staff handling physical files to ensure that storage facilities such as filing cabinets, safes and compactuses are locked when not in use and that offices and work areas where these are housed are also adequately secured.

In addition, good records management practices for physical files, for instance, recording file movements, undertaking file audits, placing appropriate security classifications on files, and managing records retention, are designed to safeguard against loss or unauthorised access. Care must be taken to ensure secure and confidential destruction of records containing personal information (which may only be undertaken in accordance with the University's disposal schedule). Refer to QUT's records management policies (MOPP F/8.1 and F/8.2).

## Use of personal information records

Use of personal information by the University is governed by several principles:

- the requirement to take reasonable steps to ensure that information is accurate, up-to-date and complete before it is used, since it is important that decisions or actions by the University are based on accurate and complete facts (Information Privacy Principle 8);
- the requirement to use information only in circumstances where it is relevant, and provided that it is used only for the purpose for which it has been collected or a directly related purpose (Information Privacy Principles 9 and 10).

However, there are several recognised but limited exceptions to the restrictions on use of personal information (which mirror the exceptions relating to non-disclosure of personal information described below, and include consent, legal compulsion, law enforcement enquiries, threats to life or safety). Protocols for managing these limited situations are under development [pending].

## Prohibition on disclosure of personal information

Disclosure refers to release of personal information out of the effective control of the University (that is, to a body, agency or person separate from the University). Information Privacy Principle 11 prohibits the disclosure of personal information held by the University. Staff must not disclose personal information outside the University except as specified in this policy and in accordance with supporting guidelines and protocols.

## Exceptions relating to disclosure of personal information

The general principle is that personal information must not be disclosed outside the University. There are, however, several limited exceptions to this principle.

### Consent

Personal information may be disclosed where the individual concerned has consented to that disclosure. A common example is the consent given by staff or students for the release of their photographs via QUT Virtual. Consent must be expressly given and it is expected that the consent will be given in writing. In limited circumstances, verbal consent may be acceptable if it is verifiable and the disclosure is clearly in the best interests of the individual. Staff proposing to release information without a written consent must discuss the circumstances with the Privacy Contact Officer before disclosure occurs (or the Registrar's Executive Officer if the Privacy Contact Officer is unavailable).

Implied consent must not generally be relied upon as a basis for disclosure. Where a person seeks personal information as a representative or agent of another, then documentation confirming the scope of the agent's authority should be obtained before release of any personal information held by the University.

### Previous provision of a privacy notice

In addition, personal information may be disclosed where individuals have been informed of the usual practices for disclosure. For instance, the University may routinely disclose information to the Student Guild about students who are members, as this practice has been incorporated into a student privacy notice.

### Other situations

In rare circumstances, disclosure of personal information may also be permitted where:

- disclosure is necessary to prevent or lessen an imminent and serious threat to a person's life or health;
- disclosure is required by law (for example, if the University's records are subpoenaed, or if there are statutory requirements to provide information to a government department such as the Australian Taxation Office, Centrelink, or DEST);

- disclosure is necessary for enforcement of criminal or other laws imposing penalties such as fines.

With the exception of routine disclosures under statutory authority (eg to ATO, Centrelink or DEST), disclosure of personal information in these three situations should be discussed with the Privacy Contact Officer (or the Registrar's Executive Officer if the Privacy Contact Officer is unavailable), pending development of protocols for assisting staff in managing these situations.

## Register of graduates

Privacy principles do not apply to material which is maintained on a public register. Given that one of QUT's primary functions is to confer higher education degrees and awards, QUT maintains a register of its graduates (via the student information system). Information concerning a person's status as a graduate of the University is available to any member of the public upon formal request in writing. The request must be made to the Student Business Services Department, who will confirm a graduate's name, the degree conferred and the date of conferral only.

No other personal information is regarded as being on a public register.

## Access to and amendment of an individual's own record

Information Privacy Principles 6 and 7 generally entitle an individual to have access to the personal information which the University holds about them, and to amend it where it is inaccurate, incomplete, out-of-date or misleading. Information Standard 42 recognises that, in Queensland, these rights are dealt with in the Freedom of Information Act 1992.

However, QUT is committed to providing, as far as practicable, an open environment which enables members of the QUT community to obtain access to their personal information without recourse to formal procedures contained in the FOI Act (see FOI policy - MOPP F/10.1). To achieve this, QUT has in place administrative procedures for information access by staff and students.

## QUT Privacy Plan

As required by Information Standard 42, QUT publishes a privacy plan which is updated regularly. The objective of the plan is to describe the nature of the personal information records held by QUT, conditions within the University for access and use and how long such records are retained. The plan includes a complaint mechanism. The Privacy Contact Officer is responsible for publishing the plan.

## Contracts involving personal information

The University has a small number of contractual and other arrangements in place which may involve access to or use of personal information held by QUT. Typically these arrangements may outsource routine support functions, though some contractual arrangements may also relate to commercial research and consultancies.

Any contracts which are entered into by the University must place appropriate safeguards on protection of personal privacy. It is the responsibility of senior officers who are involved in negotiating these agreements on the University's behalf or who have delegated authority to enter contracts and commercial arrangements, to ensure that privacy is adequately addressed and incorporated into the formal terms of the contract where necessary. Contractual arrangements must ensure compliance with the requirements of IS42.

Queries concerning appropriate contractual provisions covering QUT's privacy obligations may be directed to the Privacy Contact Officer or the Office of Commercial Services.



## DISABILITY SERVICES POLICY

In accordance with QUT's equal opportunity policy (see MOPP section A/8.4), the University recognises its social and legal obligation to provide an accessible and inclusive environment for people with disabilities. QUT is bound by the *Commonwealth Disability Discrimination Act 1992* and the *Queensland Anti-Discrimination Act 1991*, under which the University can be vicariously liable for discrimination or harassment against a person with a disability by a member of staff or any of its agents.

This policy seeks to ensure equal opportunities for people with disabilities to participate in all aspects of University life, including education and employment. It is based on the philosophy of inclusion, which promotes strategies to develop a flexible work and study environment which is able to meet the needs of a diverse range of users.

The policy is accompanied by detailed operational guidelines available from the Equity Section, or from the Equity Section webpage (<http://www.qut.edu.au/admin/equity/>).

### Principles

QUT is committed to the creation of an environment which promotes dignity, acknowledges the right to privacy and confidentiality, and cultivates an awareness of the needs and rights of people with disabilities.

In creating this environment, the University is guided by the following principles.

- Reasonable accommodations are to be provided for people with disabilities. It is the responsibility of the student or staff member to substantiate their eligibility for disability services.
- The needs of people with disabilities are to be assessed in consultation with them by the University's Disability Officer/s on an individual basis.
- Accommodations for people with disabilities will neither advantage nor disadvantage them in comparison to other people not receiving disability support services, but will be designed to ensure that people with a disability have equal access to employment or education.
- Any information in relation to a person's disability remains confidential, is not part of the person's open record of employment or academic progress, and will not be disclosed without prior written consent, except for statistical reports designed for monitoring and evaluation. (See MOPP section F/9.2 for policy on confidentiality of staff and student records).
- The University may seek information about a person's disability only insofar as it relates to the request for reasonable accommodation and/or the need for general accountability to funding agencies, policy development or monitoring and evaluation of policies and programs, including affirmative action programs for staff with disabilities.
- By law, access to work and study may not be limited on the basis of the cost of services and accommodations required, unless the adjustments would impose 'unjustifiable hardship' on the University.
- People with disabilities should be able to access and negotiate each campus in safety and with ease.
- People with disabilities should have access to existing information networks (eg advertisements, publications, promotional material) in appropriate formats.

### Definitions

#### • **Disability**

As outlined in the relevant legislation, a disability may be either temporary or permanent, total or partial, physical, psychological or psychiatric, life-long or acquired. Also included are people who require devices or aids for assistance, or are accompanied by guide dogs.

#### • **Reasonable Accommodation**

Reasonable accommodation refers to administrative, physical or procedural alterations required to ensure equal opportunity for a person with a disability.

#### • **Unjustifiable Hardship**

In some cases it may be unreasonable for the University to make certain adjustments. Relevant circumstances in determining unjustifiable hardship include:

- the nature of the benefit or detriment likely to accrue or be suffered by any persons concerned; and
- the financial circumstances of the institution and the cost of making the required adjustments.

A thorough understanding of the effect of the disability on the individual and the impact of any adjustment or alteration is required in order to determine whether such adjustments are reasonable and necessary. The relevant State and Commonwealth administrative bodies require detailed evidence to support a claim of unjustifiable hardship.

### Provisions

QUT's disability services policy makes the following provisions

#### • **Entry to Work and Study**

QUT does not discriminate on grounds other than academic and merit based criteria when considering applications for admission as a student or staff member.

#### • **Access to Academic Programs and Employment**

The University will endeavour to make all its academic programs, employment and development opportunities available to prospective students and staff members with a disability, consistent with the entry provisions above.

#### • **Support Services**

QUT has a wide range of support services available to all staff and students. The University recognises that students and staff with disabilities may require specialised assistance. Support services include note-takers, alternative formatting of learning material, participation assistants etc.

#### • **Adapting the Learning and Working Environment**

The University supports the practice of job re-design, workplace modifications and alternative teaching and assessment practices to enable a staff member or a student with a disability to fulfil the requirements of a particular position or academic course.

#### • **Creation of Employment/Study Opportunities**

The University aims to provide equal employment and educational opportunities and to implement affirmative action programs for equity groups (see MOPP section A/8.4). The University develops strategies to take full advantage of funding initiatives by Government agencies aimed at providing employment opportunities for people with disabilities, including its own graduates.

#### • **The Physical Environment**

The built environment should be accessible to people with disabilities. All new buildings are designed in accordance with the appropriate standards and codes. The University endeavours to improve access to older buildings which do not meet these standards.

#### • **Promotion of Disability Awareness**

All staff and students will be given the opportunity to acquire the understanding and skills necessary to meet the employment, educational and social support needs of people with disabilities.

#### • **Non-Discriminatory Presentation and Practice**

In accordance with QUT's policy and guidelines on inclusive language and presentation (see MOPP section A/8.7), the University will endeavour to ensure that all essential educational, admin-

istrative and promotional material is available in alternative formats for access by people with disabilities.

- **Community Service and Outreach**

The University has a responsibility to make its human and physical resources available in a manner which is responsive to the needs and aspirations of people with disabilities, unless to do so would cause unjustifiable hardship for the University.

- **Quality Assurance Measures**

The University is committed to the continued review of policy and procedures, and to the involvement of people with disabilities in matters that affect them. The University will actively seek to involve consumers in decision making, and develop quality assurance mechanisms to support this policy.

## AWARDS WITH HONOURS

This policy does not deal with honours programs which are end-on to a bachelor degree course (see MOPP section C/3.3.5).

In degree courses of four or more years, a degree with honours may be awarded to students who have recorded outstanding achievement in the four-year program. Degrees with honours are also awarded to students who have recorded outstanding achievement in a component of a double degree program where that component is a degree for which awards with honours are made (see MOPP section C/3.3.6).

First class honours, second class honours division A and second class honours division B may be awarded. Candidates for a degree with honours must fulfil the requirements for a pass degree and achieve a standard of proficiency in all course units as may from time to time be determined by the relevant faculty academic board and approved by University Academic Board.

Honours are awarded

- to indicate that students may appropriately proceed to higher degrees
- to encourage students to work consistently throughout a course
- to ensure that QUT students can apply equally for employment in competition with honours graduates from other institutions
- to ensure that QUT graduates are eligible for the same level of salary on commencement as graduates from other institutions
- to enable QUT graduates to compete equally for scholarships.

## EQUAL OPPORTUNITY POLICY

QUT Council is committed to a policy of equal opportunity and freedom from all forms of discrimination as determined by legislation or by Council. The policy is issued on the basis that it is fair and just and contributes to the fulfilment of QUT's mission and goals.

In fulfilling this policy, the University aims to:

- promote the development of a University culture supportive of equity principles;
- ensure all of its management and educational policies and practices reflect and respect the social and cultural diversity contained within the University and the community it serves;
- ensure that the appointment and advancement of staff and admission and progression of students within QUT are determined on the basis of merit;
- provide equal employment and educational opportunities within QUT and identify and remove barriers to participation and progression in employment and education, and implement an affirmative action program for equity groups;
- eliminate unlawful discrimination against staff and students on the grounds of sex, marital status, pregnancy, breastfeeding, race, age, parenthood, physical, intellectual and mental im-

pairment, religious belief, lawful sexual activity, trade union activity, criminal record, social origin, medical record, nationality, political belief or activity; and

- comply with state and federal legislation on discrimination, equal opportunity and affirmative action and binding international human rights instruments.

The Vice-Chancellor, through the Registrar and the management of the University, is responsible for implementation of this policy. The Registrar is assisted by the Equity Coordinator.

QUT expects all staff, students and members of the University community to act in accordance with this policy.

## POLICY ON INCLUSIVE LANGUAGE AND PRESENTATION

Under its equal opportunity policy (1993), QUT aims to 'provide equal employment and educational opportunities within QUT and identify and remove barriers to participation and progression in employment and education.'

To this end, QUT supports a policy of inclusive language and presentation in all administrative and academic activities of the University. This means that QUT will:

- actively promote the use of inclusive language and presentation by staff and students in all QUT documents and materials, both written and otherwise;
- actively promote the use of inclusive texts and materials in all QUT teaching and presentations;
- works towards the elimination of demeaning or discriminatory language and visual representations at QUT;
- take active steps to ensure that all staff and students are aware of their responsibilities under the policy, and take appropriate action to assist staff to comply; and
- develop and maintain a procedure for resolving complaints of demeaning or discriminatory language and presentation.

For the purpose of this policy:

- **inclusive language and presentation** positively reflects the richness of the social and cultural diversity of Australian society and the QUT community by embracing the lifestyles, experiences and values of all groups of people; and
- **discriminatory language and presentation** devalues or demeans people or groups of people by harassing them, highlighting individual characteristics in an offensive or prejudicial manner, or by excluding them.

QUT recognises that use of inclusive language and presentation in all activities will assist in the University's mission to bring the benefits of teaching, research and learning to the community.

### Responsibilities

QUT expects all staff, students and other members of the University community to act in accordance with this policy.

Deans, heads of division and Chancellery are responsible for ensuring that their staff and, where applicable, students comply with this policy.

## SUPPLEMENTARY ASSESSMENT

Supplementary assessment is provided to facilitate the course completion of students and will therefore only be granted to students whose current enrolment would satisfy the requirements for graduation.

Students may be granted:

- up to two supplementary assessments in the final year of study, at the faculty's discretion, for coursework programs of three or more years full-time duration or equivalent; and
- one supplementary assessment in the final semester of study, at the faculty's discretion, for coursework programs of less than three years full-time duration or equivalent (this includes students enrolled in a QUTIC diploma).

Supplementary assessment is not a reassessment of the student's overall grade or the mark for an individual assessment item. It is a new item of assessment designed to assist students to complete requirements for their qualification, and is thus available for units undertaken in the final semester or year of study (as applicable).

Faculty academic boards are responsible for determining eligibility for supplementary assessment at the time that examination results are considered. Faculty academic boards will be guided by advice from the relevant school(s) as to whether, given the student's grades for the unit(s) and the nature of the unit(s), it is possible for the student to achieve a passing standard through supplementary assessment.

The form and type of supplementary assessment is at the discretion of the faculty, which will ensure that academic standards are maintained.

Supplementary assessment should only be provided when a student receives:

- a grade of 3 in a unit where a 4 is required for course completion;
- a grade of 2 in a unit where a 3 is required for course completion.

Supplementary assessment will not be granted:

- to students enrolled in designated units listed in the QUT Handbook;
- to students who have been graded 1 low fail or K withdrawn failure.

Students who are not granted supplementary assessment but believe they are entitled to supplementary assessment may request a review of the decision under the University's procedures for reviews of academic rulings (see MOPP Chapter E/9.1 for details of these procedures).

The only grades that will be recorded following supplementary assessment are S3 (pass supplementary) and S2 (fail supplementary).

## POLICY ON SMOKING

Given the proven health risks of smoking, QUT is moving towards making the University a smoke-free environment. To this end, smoking is prohibited on all campuses other than in designated smoking areas.

Smoking is also prohibited in QUT vehicles.

Smokers are required to observe all no-smoking signs and follow directions given by authorised QUT staff and Security personnel in regard to the implementation and enforcement of the University's policy on smoking.

### Areas where smoking is permitted on QUT campuses

#### *All campuses*

Open uncovered spaces more than 10 metres away from any building alignment or building entrance.

The following areas may be within 10 metres of a building alignment on the individual campus sites. Smokers are required to use the ash trays provided in these locations.

#### *Carseldine*

- C Block, Level 2 - open area from Beams Road entry to building line
- C Block, Level 3 - open area in front of Student Guild adjacent to stair well
- Walkway between C and R Blocks - ground level and level 3
- Walkway between R and E Blocks
- Walkway between E and L Blocks - all levels, outside building lines

#### *Gardens Point*

- Main Drive Walkway on the City Gardens side from A Block to X Block (excluding areas outside all building entrances)
- Open space within D Block Yard (beyond the catering area assigned to Artisans)
- Undercover areas at Lower Drive Level (Carpark 2 level) outside S, Z and C Blocks

#### *Kidney Lawn*

- Courtyard between Kindler Theatre and L Block (excluding areas outside all building entrances)
- External areas behind H Block (excluding areas outside all building entrances)
- Covered lounge area at rear of V Block Podium (Western Side)
- Y Block Courtyard (excluding areas outside all building entrances)

#### *Kelvin Grove*

- Covered walkway between W Block lecture theatre and western end of B Block
- Covered walkway between D and E Blocks, (only where ash trays are located)
- Under the link between A Block and D Block (closest to Victoria Park Road)
- Ground level walkway between Wings A and B of O Block
- Courtyard - eastern side of Level 2, K Block
- Verandah, KG Bar (C Block)



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## Section Three – Course Information

# Built Environment and Engineering

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## OVERVIEW

The Faculty of Built Environment and Engineering's teaching initiatives and courses are designed and maintained through strong linkages with industry and the professions in order to prepare graduates who are open to change and equipped with the capacity and ability for lifelong learning.

The Faculty promotes problem-based learning and teaching and leadership in applied research that directly benefits industry, the professions, and the community. Our academic staff combine their experience in professional practice with their qualifications in advanced postgraduate research.

The Faculty is undergoing an exciting period of change that will further enhance the unique opportunity for cross disciplinary teaching, research and applications. In 2005 the Faculty will combine five schools to three. The three new Schools will offer a variety of courses in Design, Urban Development and Engineering Systems.

The **School of Design** offers undergraduate and postgraduate courses across a number of the Design disciplines: Architecture, Industrial Design, Interior Design, Landscape Architecture, and Urban Design. This unique combination of disciplines offers students and staff an outstanding opportunity for collaborative and inter-disciplinary programs. The School is building an international reputation for innovative interdisciplinary design and research. Courses are built around a project-oriented studio-centred learning environment. Projects are based in the real world, and through our part-time staff and collaborative projects, we maintain a strong link with practice, the community, government and industry. The School has a vigorous program to attract international and national practitioners and academics, to run studios and lecture programs.

The **School of Urban Development** offers professional undergraduate and postgraduate programs in Civil Engineering, Construction Management, Property Economics, Quantity Surveying, Surveying, and Urban and Regional Planning. We strive to make the learning process productive and imaginative and to equip our graduates with the skills needed for the challenges of modern society. The School maintains a consistently high standard of teaching, fosters industry involvement, and stays at the forefront of the professions through an active research program.

The **School of Engineering Systems** offers a range of innovative programs that are tailored in response to the challenging demands of industry and the professions. The School offers courses in Mechanical, Medical, Infomechatronics, Aerospace Avionics, Computer, Telecommunications, Electrical and Computer and Software Engineering. The School's courses offer a balance of theory and 'hands on experience' which ensures graduates are immediately employable in a very diverse range of organisations and industries.

The Faculty also offers three undergraduate double degrees in Electrical and Computer Engineering/Mathematics; Electrical and Computer Engineering/ Business; and Electronic Engineering/Information Technology.

### Research Areas

- Asset Management and Maintenance
- Building and Infrastructure Systems
- Construction Management and Property
- Design
- Energy and Resource Management
- Medical Engineering
- Product Design and Manufacturing
- Speech, Audio, Image and Video Technologies
- Transport Systems

### Cooperative Research Centres

- Australian Housing and Urban Research Institute (AHURI)

- Construction Innovation
- Interaction Design
- Integrated Engineering Asset Management
- Railway Engineering and Technologies
- Satellite Systems
- Subtropical Design
- Integrated Engineering Asset Management
- Railway Engineering and Technologies
- Satellite Systems

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## RESEARCH CENTRES

### **Australian Housing and Urban Research Institute (AHURI)**

The Institute is a consortium of CSIRO Division of Building, Construction and Engineering; Queensland University of Technology; University of Queensland; Monash University, and Royal Melbourne Institute of Technology (RMIT). At QUT, AHURI is a designated collaborative research centre with interests across a number of faculties and schools. Its broad objective is to conduct research into issues in housing and urban fields in Australia and the Asia-Pacific region.

### **Asset Management and Maintenance**

The Asset Management and Maintenance program focuses on innovative industry directed research and development, education and commercialisation in an integrated approach to lifecycle physical asset management to meet present and future needs to ensure international competitiveness and sustainability of Australian industry. The overall research program will be focused on five main industry sectors: Defence, Water and Waste, Power Generation and Distribution, Extraction and Process and Transport Infrastructure.

### **Building and Infrastructure Systems**

The Building and Infrastructure Systems program undertakes world-class research in collaboration with industry, government and profession to strengthen the nation's building and infrastructure systems. It builds on the existing track record in the proposed field of research. Research concentrates on investigating the performance of existing and new building and infrastructure systems under realistic structural and environmental loadings including those due to natural, accidental and man-made hazards. It uses smart materials, systems and technologies, and advanced computer analysis and test methods to assess and improve the performance of existing and new building and infrastructure systems.

### **Construction Management and Property**

This research program makes contributions to improved practice in the specific areas of international project management, construction and property performance, construction information and procurement technologies, and property market choice, investments, constraints opportunities, internationalisation, taxation, lifecycles, risk and culture.

### **Design**

The design program conducts research in the design disciplines located in the Faculty of Built Environment and Engineering but linked as well to related design fields in the Faculty (eg mechanical/manufacturing/medical engineering; transport; engineering; structures and designs; electronic systems and the digital design; informatics environment) and across the wider University community (eg Creative Industries; Human Services).

### **Energy and Resource Management**

The Energy and Resource Management program addresses two resource issues of critical importance to the future of Australia - provision of energy and water supplies - and focuses principally on issues of sustainability in the provision of these resources.

### **Medical Engineering**

This program aims to engender sustainable improvements in quality of life for everybody through the innovative application of new and emerging technologies which will not only help reduce the economic burden of healthcare provision, but also generate wealth for the nation through the stimulation of local industry. The areas of expertise are Biodynamics; Image Acquisition and Analysis; Monitoring and Signal Processing; Tissue Engineering; and Tissue Mechanics.

### **Product Design and Manufacturing**

The Product Design and Manufacturing program comprises leading researchers conducting world-class research on product design, micro-machining, rapid prototype manufacturing, product development, modelling of manufacturing processes leading to a new concept of Rapid Product Development. This program is designed in such a way that it meets the requirements of Queensland manufacturing requirements.

### **Speech, Audio, Image and Video Technologies**

This program conducts internationally competitive research in order to solve practical problems, which enable Speech, Audio, Image and Video Technology to be applied in products and processes. Research focuses on state-of-the-art speech audio and video technologies including speech/speaker recognition and personal identification technologies for forensic and security applications; speech coding for storage and communication; speech synthesis for voice response systems; audio compression for broadcasting, television and Internet applications, video compression and image recognition and restoration.

### **Transport Systems**

The aim of this program is to focus research effort in the freight and logistics area with an emphasis on multi-modal transportation systems. The program builds on the established track record in applied research in the areas of road and rail based transportation systems. The main research areas include freight vehicle impacts, freight and logistics e-business systems, freight corridor evaluation analysis, ITS applications in freight and logistics, emissions modelling, transit evaluation methodologies, rail track modelling and analysis, and intermodal terminal planning and operations.

## Cooperative Research Centres (CRC)

### **CRC for Construction Innovation**

The Centre aims to create and commercially exploit tools, technologies and management systems to deliver innovative constructed assets of financial, environmental and social benefit to the community. The centre combines basic research with strategic research and development in five related programs: virtual environments for lifecycle design and construction; construction project delivery strategies; environmental sustainability; integrated design and construction support systems; and management, adaptability and the future of built assets.

### **CRC for Integrated Engineering Asset Management**

The CRC for Integrated Engineering Asset Management (CIEAM) delivers capabilities and technologies for integrated and sustainable asset management to a wide range of Australian industries in both the private and the public sectors. CIEAM consists of leading edge researchers and practitioners focused on industry directed R&D and education in the management of Australia's major engineering assets in the Defence, Utilities (power, water and gas), process and extraction, and transportation industries. CIEAM is a vertically integrated concept, involving five research program areas. These are: Models and decision systems, advanced sensors, intelligent diagnostics and life



prediction, Systems integration and IT, and Strategic human dimensions.

***CRC for Railway Engineering and Technologies***

The Centre aims through research to develop an internationally competitive, efficient and sustainable rail industry and to facilitate the development of an Australian export industry in railway technologies. Benefits will flow in terms of improved rail efficiency and infrastructure capacity, energy savings, reduced maintenance cost and better asset use. The main research areas include: 'Smart train' intelligent systems; innovative/automated maintenance and upgrading technologies; optimal traffic control and scheduling; IT systems and standards for rail management; new materials, systems and components for railways; and, industry skills development (education and training).

***CRC for Satellite Systems***

The CRCSS is a joint government/industry/university venture to develop space expertise within Australia. The Queensland Node is part of the CRC for Satellite Systems and contains two major groups, namely the Navigation group and the High-Performance Computing Group. The Centre is responsible for the provision of global positioning system receivers and reconfigurable computer systems.

***Centre for Subtropical Design***

The Centre for Subtropical Design is one of the Faculty's first funded units in one of our major targeted areas: sustainable development. The Centre was established in 2003 through an agreement with the Brisbane City Council. This Centre will promote high quality planning, design and development that responds to the City of Brisbane's and South East Queensland Region's cultural, landscape and climatic characteristics in ways that are sustainable and enhance the enjoyment of the Brisbane city-region's subtropical lifestyle.

## □ Course Requirements and Notes Relating to Postgraduate Courses

### Course progression

It is important that students follow as normal a progression through their courses as possible. Units should be taken in an orderly sequence as set out in published course structures. Units failed should be picked up in the next semester they are offered. Prerequisite units must normally be passed before a student may proceed to a further unit which has the prerequisite so specified. The course coordinator should be consulted regarding variations from the course structure. This is considered to be a major concession. Students who have failed units or have doubts about having the necessary background to proceed should seek the advice of the course coordinator.

### Supplementary assessment

Students may be granted up to two supplementary assessments in the final 96 credit points of study, for coursework programs of three or more years full-time duration or equivalent; and one supplementary assessment in the final 48 credit points for coursework programs of less than three years full-time duration or equivalent

Eligibility for supplementary assessment will be determined by the Dean and will normally only be considered when a student receives a grade of 2 in a unit where a 3 is required for course completion. The only grade that will be recorded following satisfactory supplementary assessment is S3 (pass supplementary).

### Awards with distinction

Awards 'with distinction' may be awarded to graduands of graduate diploma courses undertaken in the Faculty of Built Environment and Engineering. Candidates for a graduate diploma 'with distinction' must fulfil the requirements for a pass degree and achieve a standard of proficiency in all course units as may from time to time be determined by the Faculty Academic Board and approved by the University Academic Board.

### Eligibility for 'With Distinction'

Eligibility for awards 'with distinction' is not affected by the time taken to complete a course. However, to be eligible for such an award, a graduand must have completed the course within the maximum number of calendar years specified in the policy on time limits for completion of courses (see student rules).

### Personal Protection Equipment (PPE) Policy

Protective equipment refers to safety glasses/goggles, hearing protection, safety boots, gloves and similar items. While all care is taken to reduce the risks to which students are exposed, protective equipment will be required to be worn in some practical sessions and field excursions. Students are required to wear PPE where and when it has been made clear that it is needed. Students are required to provide certain PPE as indicated by each school within the faculty.

Students enrolled in units specified by the School of Civil Engineering will be required to wear safety shoes for most laboratory practicals and/or field trips. Students not wearing appropriate safety shoes on these occasions will be barred from (i) participating in activities in these units, and (ii) submitting any assessment associated with these activities. Hard hats will be supplied by the School of Civil Engineering, as required. Students **must** provide their own safety shoes, safety glasses/goggles and hearing protection equipment.

## ■ Master of Applied Science (Research) (BN71)

**Award title:** Master of Applied Science (Research)  
**CRICOS code:** 003462A

**Location:** Gardens Point

**Course duration (full-time):** 1 year (minimum), 2 years (maximum)

**Course duration (part-time):** 2 years (minimum), 4 years (maximum)

### Entry Requirements

A four-year degree in an appropriate discipline with Honours or equivalent qualification or a graduate diploma or masters degree in an appropriate discipline with a minimum grade point average of 5 with relevant experience or professional experience and/or other qualifications.

### Overview

From this research degree you acquire advanced knowledge of applied science research methods, applied to research problems in the built environment. As well as mastering relevant techniques, you can expect to develop high-level skills in investigation and critical thinking and extensive knowledge in a specialist area. Specialisations are available in Architecture, Interior Design, Industrial Design, Construction Management, Quantity Surveying, Property Economics, Project Management, Planning, Landscape Architecture and Surveying. Our Faculty staff are available to discuss your application with you. You are encouraged to approach them early in the development of the research proposal that forms part of your application. Master by Research studies normally include:

- assessed coursework
- participation in university scholarly activities such as research seminars, teaching and publication
- regular meetings with supervisors
- a program of supervised research and investigation
- preparation of a thesis.

### Fees

Australian students enrolling after August 31 2000 in a higher degree by research are subject to the conditions of the Commonwealth Government's Research Training Scheme (RTS). Research Students who enrol at QUT will be awarded an RTS place, which is funded by the Commonwealth, or a QUT Research Training Award Scheme (RTA) place, which is a fee remission scholarship.

Research Masters students are entitled to two years full-time equivalent study under these schemes. Students who exceed this entitlement may apply to QUT for an extension, however the University may charge fees for the period of the program which exceeds the student's entitlement. The University determines the fee level.

### 1 - General Conditions

1.1 The Council of the Queensland University of Technology was established in 1989 under the Queensland University of Technology Act 1988.

1.2 The Councils power to approve recommendations from Faculty Academic Boards regarding the registration, supervision and examination of research degree candidates and to develop policy and procedures relating to research degrees is exercised through a University Research Committee which is a subcommittee of University Academic Board.

1.3 University Research Committee has delegated responsibility for day-to-day administration of research masters degree courses to faculty academic boards. Academic boards shall report biannually to University Research Committee on progress made by Research Masters degree candidates.

1.4 This program is administered by the Academic Board of the Faculty of Built Environment and Engineering through its Faculty Research Committee. The program is offered in Architecture, Civil Engineering, Construction Management, Electrical and Electronic Systems Engineering, Industrial Design, Interior Design, Landscape Architecture, Mechanical, Manufacturing

Engineering and Medical Engineering, Property Economics, Planning and Surveying.

1.5 In order to qualify for the award of the degree of Master of Applied Science (Research) or Master of Engineering a candidate must:

- have completed the approved program involving advanced work under the supervision of a Thesis Panel prescribed by the Faculty Research Committee of the Built Environment and Engineering Academic Board
- have submitted, and the Faculty Research Committee accepted a thesis, together with reports and/or documents where applicable, prepared under the supervision of the Thesis Panel
- have completed such other work as may be prescribed by the Faculty Research Committee, and
- submit to the Faculty Research Committee a declaration signed by the candidate that they have not been a candidate for another tertiary award without permission of the Faculty Research Committee.

## 2 - Registration

2.1 Applications shall be accepted subject to the availability of facilities and supervision.

2.2 Applications may be lodged with the Registrar at any time.

2.3 There is a six-month maximum period for domestic students and nine months for international students, between acceptance by the Faculty Research Committee and enrolment by the candidate in the Master of Applied Science (Research) or Master of Engineering before the offer of admission to the program lapses. Candidates are required to complete an enrolment form each semester.

### *A Note Regarding Enrolment*

The Faculty and Student Services are to be advised of any changes to name, address or other personal details. Application to vary any aspect of the candidacy must be made in writing directly to the Faculty Research Committee for Built Environment and Engineering and be endorsed by the principal supervisor.

2.4 The minimum academic qualifications for admission to the Master of Applied Science (Research) or Master of Engineering are:

- a four-year degree in an appropriate discipline in which the candidate has received at least second class Honours from the Queensland University of Technology, or
- a qualification judged equivalent by the Faculty Research Committee, or
- a grade point average of 5.0 or better in a graduate diploma program, in a relevant discipline, together with demonstrated potential for further study and/or evidence of professional standing, or
- a grade point average of 5.0 or better in a coursework masters degree program in a relevant discipline, together with demonstrated potential for further study and/or evidence of professional standing.

An applicant for the Master of Applied Science (Research) or Master of Engineering program without the minimum entry requirement may present a case for admission based on the submission of evidence of qualifications which demonstrate the applicant's capacity to pursue the course of study.

The case may be based on the following:

- (a) three years professional experience in the general field in which the proposed work lies, or
- (b) satisfactory completion of an appropriate Masters qualifying program including formal coursework and/or reading program in related fields stipulated by the Faculty Research Committee, or
- (c) the submission of technical publications or other appropriate evidence which satisfies the Faculty Research Committee that advanced knowledge has been acquired in a branch of applied science relevant to the built environment or a division of

engineering in which the applicant has worked as a professional practitioner in a position of responsibility. This knowledge should be relevant to the field of study proposed.

2.5 A candidate will be eligible to be registered as a graduate student if they are considered by Faculty Research Committee to meet the requirements for entry.

2.6 A candidate shall receive confirmed registration as a graduate student when they:

- have satisfied the requirements for admission and achieved by work and study a standard recognised by Faculty Research Committee, or
- have satisfied Faculty Research Committee that they are a suitable person to undertake the program, and
- have satisfied Faculty Research Committee that they can devote sufficient time to the research and study.

2.7 In considering an applicant for registration, the Faculty Research Committee shall, in addition to assessing the applicants suitability, be satisfied that:

- the proposed program is relevant to the aims and objectives of the University
- the proposed program has relevance to the needs of society or industry, and
- adequate resources are available to support the proposed program.

2.8 An application for registration should set out systematically and fully the candidates intended course of study including the following:

- a description of the area of study within which the candidates course lies
- a summary of the work to be undertaken, the proposed title of the thesis to be written, the aim of the proposed program, its background, the significance and possible application of the research program, and the research plan
- the location at which the work will be undertaken, the amount of time which will be devoted to it and the resources required
- details of academic qualifications and supporting evidence, including copies of results for each year of courses undertaken
- a brief account of industrial experience
- a list of publications
- sponsorship details
- statement of approval by Head of School and/or Postgraduate Research Coordinator, and
- any other relevant material.

2.9 The program is offered on a full-time or a part-time basis and may be undertaken externally. Part-time students normally will be employed in some professional capacity during the day and carry out their research projects on a part-time basis at QUT, in their place of employment or in a sponsoring organisation.

2.10 Full-time students may be on a scholarship from industry or QUT, and may carry out their research at QUT or in a sponsoring organisation. Normally full-time students would be expected to work on their research projects at QUT for not less than three-quarters of a normal working week, averaged over each year of candidacy. Such a candidate may not devote more than 300 hours annually to teaching activities, including preparation and marking.

2.11 A candidate may be based at QUT or at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidate's application is required for registration. A candidate may also be external where their residence is outside of Brisbane.

2.12 The Faculty Research Committee may cancel a candidate's registration if, after consulting a candidate's supervisor and having taken account of all relevant circumstances, the committee is of the opinion that the candidate either has effectively discontinued their studies or has no reasonable expectation of

completing the course of study within the maximum time allowed (see Section 4).

2.13 A candidate whose registration has lapsed or has been cancelled, and who wishes subsequently to re-enter the course of study to pursue a research program which is substantially the same as the previous investigation may be re-admitted under such conditions as the Faculty Research Committee shall prescribe.

### 3 - Course of Study

3.1 A candidate for the degree of Master of Applied Science (Research) or Master of Engineering will undertake a program of research and investigation on a topic approved by the Faculty Research Committee.

3.2 All projects should be supported by outside agencies such as industry, government authorities and professional organisations, or by QUT itself. This provision is to ensure that programs are relevant to the aims of the University and the community. It is important that projects be primarily directed towards society or industry need.

3.3 The program must be such as to enable the candidate to develop and demonstrate a level of scientific competence significantly higher than that expected of a first degree graduate. The required competence normally would include mastery of relevant techniques, investigatory skills, critical thinking, and a high level of knowledge in the specialist area.

3.4 Where advised, a candidate may be required to complete satisfactorily a program of formal coursework in subjects relevant to the field of study up to a total class contact of 32 credit points.

3.5 The course of study normally will include:

- participation in University scholarly activities such as research seminars, teaching and publication
- regular face-to-face interactions with supervisors, and
- a program of supervised research, design, investigation, development, construction, or any combination thereof.

The course of study may also include a program of assessed coursework.

3.6 Coursework at masters level demands a capacity for critical analysis and a specialisation of research interests not normally appropriate for an undergraduate program. Such coursework may be conducted in a number of ways:

- as advanced lecture courses
- as seminars in which faculty and candidates present critical studies of selected problems within the subject field
- as independent study or reading courses, or
- as research projects conducted under faculty supervision.

Candidates will be encouraged to attend conferences where these are related to the field of the research.

In all cases, coursework will be based upon a formal syllabus setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course.

3.7 Maximum and Minimum Coursework Requirements:

Thesis - 96 credit points minimum (at least two-thirds of the degree content)

- Maximum coursework requirement - 32 credit points
- Minimum coursework requirement - 4 credit points - IFN001 Advanced Information Retrieval Skills
- Maximum of 16 credit points per semester for each semester of the program
- Additional Requirements:
  - Attendance and participation in School of Research Centre seminars/workshops (compulsory).
  - Students must contact the Postgraduate Research Coordinator in their School to finalise any other coursework component of their program.

### 4 - Period of Time for Completion of Course of Study

4.1 The duration of study will normally be a minimum of one year and a maximum of two years or the part-time equivalent.

4.2 In order to encourage completion of research degrees within a reasonable timeframe, QUT has set a limit of two years on the length of time for which it will fund a faculty for full-time research masters degree candidates.

4.3 A registered full-time graduate student shall present the thesis for examination after a period of at least one year but not more than two years has elapsed from the time of confirmed registration. A registered part-time graduate student shall present the thesis for examination after a period of at least two years. The maximum time is four years from the time of confirmed registration. In special cases the Faculty Research Committee may approve a shorter period.

4.4 Time limits are measured in years from the time of first registration as a graduate student. Periods of exclusion or absence without approval are included.

4.5 Candidates who exceed these limits may be asked to show cause why they should not have their registration in the program terminated. Such candidates must make formal application to the Faculty Research Committee to have their registration extended beyond the normal time. Details of the candidate's progress shall be presented to the committee together with the reasons for the delay in completing the course and the expected date of completion. Where the committee agrees to an extension, a time limit will be set for the maximum period of registration in the program.

4.6 Candidates are notified of termination by registered mail. They have right of appeal to the Academic Appeals Committee.

### 5 - Supervision

5.1 The Faculty Research Committee shall appoint at least one supervisor the principal supervisor and also at least one associate supervisor. Each member of the supervisory panel shall bring appropriate experience in the research area of the student.

5.2 The Principal Supervisor shall normally be from the academic staff of the QUT school in which the candidate is enrolled.

5.3 The Supervisory Panel shall supervise all aspects of the candidate's work program, shall receive reports from the candidate on progress and shall recommend to the Faculty Research Committee both on successful and unsuccessful completion of components of the coursework incorporated in the candidate's program, on progress on the thesis research project and on continued enrolment.

5.4 The Supervisory Panel shall receive a formal oral and written report from the candidate at least once every semester on progress on the research project.

5.5 Summary of Faculty Supervisory registration process: To ensure that students receive appropriate supervision from experienced supervisors and active researchers the Faculty has introduced a Supervisors Register which requires registered supervisors to demonstrate performance in three areas.

1. Practice - previous supervisory experience of at least five years.
2. Research - evidence of active research through grants and publications
3. Continuous development

### 6 - Place and Conditions of Work

6.1 The research program will normally be carried out under supervision in a suitable environment within Brisbane. However, external study is possible. External candidates will be required to spend a minimum of four weeks at QUT annually.

6.2 The Faculty Research Committee shall not admit a candidate to a program of research based at the University unless it has received:

- a supporting statement from the Head of the QUT School and/or Postgraduate Research Coordinator in the School in which the study is proposed indicating that, in their opinion, the applicant is a suitable person to undertake a research program leading to the masters degree, that the program is supported, that the school is willing to undertake the responsibility of supervising the work of the applicant and that resources are available to support the proposed research.

6.3 The Faculty Research Committee shall not admit a candidate to a program of research based at a sponsoring establishment unless it has received:

- a supporting statement from the employer or director of the sponsoring institution that they are aware of the course rules and are prepared to sponsor and support the applicant, that the applicant will be provided with facilities and time to undertake the research project and that they are willing to accept responsibility for supervising the applicant's work, and
- a supporting statement from the head of the QUT school or Postgraduate Research coordinator in which the study is proposed indicating that, in their opinion, the applicant is a suitable person to undertake a research program leading to the Masters degree, that the program is supported, and that after examination of the proposed external facilities and supervision, the school is willing to accept the responsibility of supervising the work.

## 7 - Thesis

7.1 In the form of presentation, availability and copyright, the thesis shall comply with all the requirements of the document Requirements for Presenting Theses (Appendix 51 in the Manual of Policies and Procedures).

7.2 A candidate shall submit the title of their thesis for approval by the Faculty Research Committee with their application, and after approval has been granted, no change will be made except with the permission of the committee.

7.3 The candidate shall give two months' written notice of intention to submit their thesis through the Principal Supervisor.

7.4 The thesis shall comply with the following requirements:

- a significant proportion of the work described (as determined by the Faculty Research Committee) must have been carried out subsequent to initial registration for the Masters degree.
- it must describe a program of work carried out by the candidate and must involve either an advanced contribution to the knowledge of the subject or an advanced application of existing knowledge.
- it must reach a satisfactory standard of literary presentation.
- it shall be the candidate's own account of the work. Where work is carried out conjointly with other persons, the Faculty Research Committee shall be advised of the extent of the candidate's contribution to the joint work.
- the thesis shall not contain as its main content any work or material which the candidate has previously submitted for another degree or similar award.
- the thesis may consist primarily of reports, plans and/or documents or may be supported by these if they have a bearing on the subject of the thesis. Other supporting documents such as published papers may also be submitted with the thesis.
- the thesis shall contain an abstract of not more than 300 words.

7.5 Except with the specific permission of the Faculty Research Committee, the thesis must be presented in the English language. Such permission must be sought at the time of application for registration, and will not be granted solely on the grounds that the candidate's ability to satisfy the examiners will be affected adversely by the requirement to present the thesis in English.

7.6 Subject to QUT's Intellectual Property policy, the copyright of the thesis is vested in the candidate.

7.7 Where a candidate, supervisor or the sponsoring establishment wishes the thesis to remain confidential for a

period of time after completion of the work, application for approval must be made to the Faculty Research Committee when the thesis is submitted. The period normally shall not exceed two years from the date on which the examiners recommend acceptance of the thesis, during which time the thesis will be held on restricted access in the QUT Library.

7.8 Except where confidentiality of the thesis is necessary, students shall submit their thesis electronically after completion of the examination process and any corrections required to the QUT Library for inclusion in the Australian Digital Thesis Project.

## 8 - Examination of Thesis

8.1 The Faculty Research Committee shall appoint three examiners, at least one of whom shall be from outside of the University. No supervisor of the candidate shall be appointed as one of the examiners.

8.2 Normally, examiners must agree to read and report upon the thesis within two months of its receipt.

8.3 A candidate may be required to make an oral defence of the thesis.

8.4 On receipt of the reports from the examiners, the Faculty Research Committee shall:

- (a) recommend that the thesis be accepted without modification, and to Academic Board that the candidate be awarded the degree, or
- (b) recommend to Academic Board that the candidate be awarded the degree, after any minor amendments requested by the examiners have been made, or
- (c) recommend that the thesis not be accepted until major revisions have been made. Such revisions might be rewriting one of the sections, with or without additional work, or
- (d) not accept the thesis and terminate the candidate's registration.

8.5 If the examiners' reports are conflicting, the Faculty Research Committee may, after appropriate consultation with the Thesis Panel, resubmit the thesis to the examiners with copies of the examiners' reports and/or seek the advice of a further external examiner. After due consideration of further reports from the examiners, a majority decision will be accepted by the Faculty Research Committee.

## ■ Master of Built Environment (Urban Design) (DB73)

**Award title:** Master of Built Environment

**CRICOS code:** 003475G

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters including Summer semester

**Course duration (part-time):** 5 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Danny O'Hare

### Entry Requirements

Applicants are considered initially for acceptance in the Graduate Diploma in Urban Design. At the completion of 48 credit points students will be considered for articulation to the Master of Built Environment (Urban Design) subject to a grade point average of 5.0 or better in the course.

Applicants may be granted provisional entry to the Graduate Diploma courses with a modified enrolment program on the basis of alternative academic or professional attainments. Some applicants may be required to undertake a qualifying program to develop design literacy and graphic skills. A three-module full-

fee paying Summer unit is normally available for this purpose. Computer Literacy is also required.

### Focus in the Masters Program

The masters program includes skills and knowledge development through set coursework in common with the Graduate Diploma in Urban Design, but also requires individual research and the writing of a dissertation. An Urban Design Master Studio is conducted over the Summer semester.

### Master of Built Environment (Urban Design)

The normal progression will extend the graduate diploma program by a flexibly delivered summer semester (see Course Structure) for part-time and full-time students. Articulation from the graduate diploma to the masters level program will be available after one semester full-time or two semesters part-time provided that applicants have completed the preceding course work with a grade point average of 5.0 or better.

### Course Structure

#### Summer Semester - Introductory Unit

PSP275 Introductory Design and Graphics

This unit is a full-fee paying unit and is available in three modules to suit individual needs.

### Full-time Course Structure

#### Year 1, Semester 1

ARB081 History, Theory and Criticism of Urban Design

ARB082 Urban Design Studio B

PSP453 Urban Systems and the Physical Environment

#### Year 1, Semester 2

PSN211 Research Project 1

PSP451 Production and Use of the Built Environment

PSP452 Urban Design Studio A

#### Summer Program

ARB083 Urban Design Masters Studio

PSN212 Research Project 2

PSP510 Specialisation

### Part-time Course Structure

#### Year 1, Semester 1

ARB081 History, Theory and Criticism of Urban Design

PSP453 Urban Systems and the Physical Environment

#### Year 1, Semester 2

PSP451 Production and Use of the Built Environment

PSP452 Urban Design Studio A

#### Year 2, Semester 1

ARB082 Urban Design Studio B

PSN211 Research Project 1

#### Year 2, Semester 2

PSN212 Research Project 2

PSP510 Specialisation

#### Summer Program

ARB083 Urban Design Masters Studio

## ■ Master of Engineering (BN72)

**Award title:** Master of Engineering

**CRICOS code:** 003465J

**Location:** Gardens Point

**Course duration (full-time):** 1 year (minimum), 2 years (maximum)

**Course duration (part-time):** 2 years (minimum), 4 years (maximum)

**Discipline coordinator:** Civil Engineering - Assoc Prof Mahen Mahedran, Electrical and Electronic Systems Engineering - Professor Sridha Sridharan, Mechanical Manufacturing and Medical Engineering - Professor Mark Percy.

### Entry Requirements

A four-year degree in an appropriate discipline with Honours or equivalent qualification or a graduate diploma or masters degree in an appropriate discipline with a minimum grade point average of 5 with relevant experience or professional experience and/or other qualifications.

### Fees

Australian students enrolling after August 31 2000 in a higher degree by research are subject to the conditions of the Commonwealth Government's Research Training Scheme (RTS). Research Students who enrol at QUT will be awarded an RTS place, which is funded by the Commonwealth, or a QUT Research Training Award Scheme (RTA) place, which is a fee remission scholarship.

Research Masters students are entitled to two years full-time equivalent study under these schemes. Students who exceed this entitlement may apply to QUT for an extension, however the University may charge fees for the period of the program which exceeds the student's entitlement. The University determines the fee level.

### Course Information and Notes

Please consult notes for BN71 Master of Applied Science for course information and requirements.

## ■ Master of Engineering Management (ME76)

**Award title:** Master of Engineering Management

**CRICOS code:** 006368G

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Jun Wang

### Entry Requirements

A bachelor degree in engineering (or its equivalent).

### Course Structure

Masters students take eight units or 96 credit points. Units MEN172, MEN177, and MEN280 are normally compulsory, but may be substituted with the approval of the courses coordinator if the student has adequate prior knowledge in the relevant field. With approval of the Course Coordinator students can take up to two graduate level electives from other disciplines.

### Course structure

#### Block Mode#

MEN177 Total Quality Management

MEN171 Advanced Manufacturing Technologies

MEN241 Reliability and Maintenance Management

MEN280 Engineering Project Management

MEN273 Engineering Knowledge Management

MEN172 Cost Analysis and Asset Management

MEN175 Energy and Environmental Management

MEN170 Systems Modelling and Simulation

MEN272 Enterprise Resource Planning

Up to two graduate level units from any School within the University

#### Semester 1 or 2

MEN190-1 Project

MEN190-2 Project

Project may be taken over one or two semesters. Students taking Project over one semester must enrol in both components of the unit concurrently. Course coordinator approval is required to take Project.

#### # Block Mode

Block mode classes are held in teaching periods, which run consecutively for 5 weeks at a time, instead of semesters. Classes are held on Tuesday and Thursday from 4pm to 8pm, and Saturday from 9am to 5pm in the first two weeks of a teaching period. Please check QUT Virtual or contact the School Administration Officer for details of teaching periods for the above block mode units.

**Note:** Students complete 8 units. Units MEN172, MEN177 and MEN280 are normally compulsory, but may be substituted with the approval of the course coordinator if the student has adequate prior knowledge in the relevant field.

Permission of the course coordinator required.

## ■ Master of Engineering Science (Civil Engineering Studies) (CE75)

**Award title:** Master of Engineering Science (Civil Engineering Studies)

**CRICOS code:** 042259C

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Mr Yin Foong

### Entry Requirements

A Bachelor of Engineering degree with honours in Civil Engineering OR equivalent, with a grade point average of at least 5 on a 7-point scale.

### Course Structure

The flexible Master of Engineering Science (Civil Engineering Studies) program allows students to choose three units from a common pool of units offered by all the Engineering Schools (Band 1). A band of Civil Engineering units is then offered from which students choose three units (Band 2). Any units from Band 1 could also be chosen for Band 2 provided that they come from the School of Civil Engineering. The final component requires enrolment in a Civil Engineering Project (equivalent to 24 credit points) (Band 3).

### Full-time Course Structure

#### Band 1 Units

Choose 3 units from the following Band 1 units. Most of these units are offered once a year (either in Semester 1 or Semester 2). Students are advised to check carefully the unit availability prior to enrolling.

#### Band 1, Semester 1

CEP142	Water Pollution Control
CEP201	Process Modelling
CEP291	Environmental Law and Assessment
EEP101	Algorithms for Control and Engineering
EEP102	Unix and C for Engineers
EEP103	Computer Hardware and Interfacing
MEN101	Research Methodology
MEN280	Engineering Project Management

#### Band 1, Semester 2

CEP141	Studies in Environmental Engineering
CEP295	Civil Engineering Management in a Project Environment
EEP129	Image Processing and Computer Vision
MEN170	Systems Modelling and Simulation
MEN172	Cost Analysis and Asset Management

#### Band 2 Units

Choose 3 units from the range of Band 2 units. The following Civil Engineering units are offered as electives within CE74 and may be cancelled due to insufficient enrolment numbers.

#### Band 2, Semester 1

CEP127	Road and Traffic Engineering
CEP142	Water Pollution Control
CEP218	Transportation Engineering
CEP291	Environmental Law and Assessment
CEP293	Pavement Design

#### Band 2, Semester 2

CEP151	Road Safety Audit - Principles and Practice
CEP216	Advanced Traffic Engineering

#### Band 3 Project

Students must complete their 24 cp project over one or two semesters (summer semester is an option) by enrolling in the following two 12 cp units.

CEP997-1	Project
CEP997-2	Project

**Note:** The School reserves the right to offer these units according to enrolment quotas and staff availability.

Students must consult with course coordinator before enrolling in CEP176.

## ■ Master of Engineering Science (Civil Engineering) (CE74)

**Award title:** Master of Engineering Science (Civil)

**CRICOS code:** 020300M

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Yin Foong

### Entry Requirements

A Bachelor of Engineering degree with Honours in Civil Engineering or a Graduate Diploma in Civil Engineering with a grade point average of at least 5 on a 7-point scale. If applicants have completed 50 per cent of the Graduate Diploma in Civil Engineering with a minimum grade point average of 5 they may transfer to the Masters program. If applicants have not taken units equivalent to QUT undergraduate units in their chosen area of specialist study, they may need to complete additional undergraduate units as a masters qualifying program.

### Course Structure

The course consists of a minimum of 96 credit points. 24 credit points are allocated to a project and the remainder to non-project units. The majority of the units are common with the Graduate Diploma in Civil Engineering (CE64) and the Graduate Certificate in Civil Engineering (CE62). Students who do not wish to undertake a major must complete the core units plus any other combination of units, to make up the minimum of 96 credit points.

### Full-time Course Structure

#### Generic

##### Semester 1

CEP201	Process Modelling
CEP997-1	Project
	2 Electives

##### Semester 2

CEP295	Civil Engineering Management in a Project Environment
CEP997-2	Project
	2 Electives

### Environmental Engineering

##### Semester 1

CEP291	Environmental Law and Assessment
CEP997-1	Project
	2 Electives

##### Semester 2

CEP141	Studies in Environmental Engineering
CEP997-2	Project
	2 Electives

### Transportation Engineering

##### Semester 1

CEP218	Transportation Engineering
CEP997-1	Project
	2 Electives

##### Semester 2

CEP216	Advanced Traffic Engineering
	2 Electives
CEP997-2	Project

#### Electives, Semester 1

CEP127	Road and Traffic Engineering
CEP142	Water Pollution Control
CEP161	Professional Development Studies 1
CEP201	Process Modelling
CEP218	Transportation Engineering
CEP291	Environmental Law and Assessment
CEP293	Pavement Design

#### Electives, Semester 2

CEP141	Studies in Environmental Engineering
CEP151	Road Safety Audit - Principles and Practice
CEP216	Advanced Traffic Engineering
CEP262	Professional Development Studies 2

With permission of the Course Coordinator students maybe permitted to take electives from other engineering areas.

Advice must be sought from the course coordinator before enrolling in this unit.

**Note:** The School reserves the right to offer the units according to enrolment quotas and staff availability.

## ■ Master of Engineering Science (Computer and Communications Engineering) (EE74)

**Award title:** Master of Engineering Science (Computer Engineering) or Master of Engineering Science (Communication Engineering)

**CRICOS code:** 040343A

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr John Edwards

### Entry Requirements

Applicants for the Masters program must hold a bachelor degree in Electrical Engineering, Information Technology or Science with at least second class honours or equivalent; or have partially completed the Graduate Diploma in Computer and Communications Engineering with a grade point average of 5 or better over the first 4 units; or successfully completed the Graduate Diploma in Computer and Communications Engineering with a grade point average of 5 or better; or successfully completed the Graduate Certificate in Computer and Communications Engineering (EE61) with a grade point average of 5 or better.

### Masters Upgrade Program

Those who have completed the Graduate Diploma in Computer and Communications Engineering (EE67) may upgrade by undertaking further study in the Master of Engineering Science (Computer & Communications Engineering) and be given credit for the units which they have completed at Graduate Diploma level. The structure of the course dictates that this upgrade program be undertaken on a part-time basis. Students undertaking the Masters Upgrade Program will enrol in the following units:

EEP301/1 Project

EEP301/2 Project.

### Course Structure

Masters students select a total of six units from Semester 1 and Semester 2 lists and complete a 24 credit point project (EEP301) or seven units plus EEP304 Project Component.

#### Semester 1

EEP101 Algorithms for Control and Engineering  
EEP102 Unix and C for Engineers  
EEP103 Computer Hardware and Interfacing  
EEP124 Data Communications  
EEP126 Communications Digital Signal Processing  
EEP301-1 Project  
Elective unit 1

#### Semester 2

EEP104 Real-Time Operating Systems  
EEP120 Networks and Distributed Computing  
EEP135 Digital Signal Processing and Applications  
EEP123 Process Control and Robotics  
EEP128 Detection and Estimation  
EEP129 Image Processing and Computer Vision  
EEP301-2 Project, or  
EEP304 Project Component  
Elective unit 2

#### Elective Units

EEB911 Electrical Energy Systems  
EEB941 Modern Signal Processing  
EEB961 RF and Applied Electromagnetics  
EEB960 Wireless Communications  
EEB976 Advanced Industrial Electronics  
EEB992 VLSI Circuits and Systems

**Note:** At the discretion of the course coordinator, students may be allowed to select an elective from any advanced topics offered by the University.

## ■ Master of Engineering Science (Electrical Engineering Studies) (EE77)

**Award title:** Master of Engineering Science (Electrical Engineering Studies)

**CRICOS code:** 042260K

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Mr John Edwards

### Entry Requirements

A Bachelor of Engineering degree with honours in Electrical Engineering OR equivalent, with a grade point average of at least 5 on a 7-point scale.

### Full-time Course Structure

#### Band 1 Units

Choose 3 units from the following Band 1 units. Most of these units are offered once a year (either in Semester 1 or Semester 2). Students are advised to check the unit availability prior to enrolling.

#### Semester 1

CEP291 Environmental Law and Assessment  
CEP201 Process Modelling  
EEP101 Algorithms for Control and Engineering  
EEP102 Unix and C for Engineers  
EEP103 Computer Hardware and Interfacing  
MEN101 Research Methodology  
MEN280 Engineering Project Management

#### Semester 2

CEP141 Studies in Environmental Engineering  
CEP295 Civil Engineering Management in a Project Environment  
EEP129 Image Processing and Computer Vision  
MEN170 Systems Modelling and Simulation  
MEN172 Cost Analysis and Asset Management

#### Band 2 Units

Choose 3 units from the range of Band 2 units. The following units are offered in EE61/66/76, and may be cancelled due to insufficient enrolment numbers.

Students are advised to check the unit availability prior to enrolling.

#### Semester 1

EEP101 Algorithms for Control and Engineering  
EEP102 Unix and C for Engineers  
EEP103 Computer Hardware and Interfacing  
EEP124 Data Communications  
EEP126 Communications Digital Signal Processing  
Elective Unit 1

#### Semester 2

EEP104 Real-Time Operating Systems  
EEP120 Networks and Distributed Computing  
EEP123 Process Control and Robotics  
EEP128 Detection and Estimation  
EEP129 Image Processing and Computer Vision  
EEP135 Digital Signal Processing and Applications  
Elective Unit 2

#### Band 3 Units

Students must complete their 24 cp project over one or two semesters by enrolling in the following two 12 cp project units

EEP301-1 Project

EEP301-2 Project

#### Elective Units

EEB911 Electrical Energy Systems  
EEB941 Modern Signal Processing  
EEB960 Wireless Communications  
EEB961 RF and Applied Electromagnetics  
EEB976 Advanced Industrial Electronics  
EEB992 VLSI Circuits and Systems

**Note:** At the discretion of the course coordinator, students may be allowed to select an elective from any advanced topics offered by the University.

The School reserves the right to offer the units according to enrolment quotas and staff availability.



## ■ Master of Engineering Science (Electricity Supply Engineering) (EE78)

**Award title:** Master of Engineering Science (Electricity Supply Engineering)

**Location:** Gardens Point and External

**Course duration (part-time):** 4 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor David Birtwhistle

### Entry Requirements

A bachelor degree in Electrical Engineering and at least second class honours, with a study of power subjects to third-year level; OR students with the degree qualification, but who do not have second class honours, may transfer from the Graduate Diploma (Electricity Supply) (EE60) after completing 48 credit points with a grade point average of 5 or better. You must also have a firm offer of a supervised industry placement.

### Course Structure

In the Masters program students choose 18 units and complete 100 days of supervised industry practice and submit a thesis on part of the practical work that they have undertaken.

Units are offered in block mode or by distance education. Block mode units are held twice yearly and distance education units are year round. Ad hoc Block modes units are also offered in Brisbane and throughout Australia and New Zealand in demand. Please contact the Course Coordinator for further information.

### Full-time Course Structure

18 Units (selected from List) plus

EEP230 Thesis A

EEP231 Thesis B

\*Students must complete 100 days of supervised professional practice. The thesis is related to this industry experience.

### Unit List

EEP201	Fundamentals of Power System Earthing
EEP202	Thermal Ratings and Heat Transfer
EEP203	Testing and Condition Monitoring
EEP204	Power System Load Flow Analysis
EEP205	Power System Fault Calculations
EEP206	Project Management
EEP207	Overhead Line Route Selection - Environmental Factors
EEP208	Economic Analysis for Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP212	Advanced Power System Protection
EEP213	Statistics
EEP214	Risk Assessment in the Electricity Supply Industry
EEP215	Reliability
EEP216	Overhead Line Design - Electrical
EEP217	Overhead Line Design - Mechanical
EEP218	Introduction to Automated System Control and Supervisory Systems
EEP219	High Voltage Substation Equipment: Power Transformers and Reactive Power Plant
EEP220	Distribution Planning
EEP221	Limits to Power System Stability
EEP222	Maintenance of Electricity Supply Systems
EEP224	Power System Operation
EEP223	Load Forecasting
EEP243	Contract Administration
EEP240	Organisation and Financial Management in the Electricity Supply Industry
EEP241	Distance Protection
EEP244	Circuit Breakers - Switchgear
EEP245	Introduction to Substation Design
EEP246	Customer Metering
EEP248	Introduction to Electricity Markets
<b>Units available by distance education with flexible enrolment year round</b>	
EEP202	Thermal Ratings and Heat Transfer
EEP204	Power System Load Flow Analysis
EEP209	Power System Harmonics

EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP208	Economic Analysis for Power System Engineers
EEP213	Statistics
EEP212	Advanced Power System Protection
EEP214	Risk Assessment in the Electricity Supply Industry
EEP215	Reliability
EEP220	Distribution Planning
EEP241	Distance Protection

## ■ Master of Engineering Science (Mechanical Engineering Studies) (ME80)

**Award title:** Master of Engineering Science (Mechanical Engineering Studies)

**CRICOS code:** 042261J

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr R Mahalinga-Iyer

### Entry Requirements

A Bachelor of Engineering degree with honours in Mechanical Engineering OR equivalent, with a grade point average of at least 5 on a 7-point scale.

### Course Structure

The flexible Master of Engineering Science (Mechanical Engineering Studies) program allows students to choose 3 units from a common pool of units offered by all the Engineering Schools (Band 1). A band of Mechanical Engineering units is then offered from which students choose 3 (Band 2). Any units from Band 1 could also be chosen for Band 2 provided that they come from the School of Mechanical, Manufacturing and Medical Engineering. Mechanical Engineering Specialised units allow students to undertake study in the areas of Medical Engineering, Infomechatronics, Engineering Management and general mechanical engineering, such as tribology, maintenance, manufacturing etc. Band 3 requires enrolment in a Mechanical Engineering Project (equivalent to 24 credit points).

### Full-time Course Structure

#### Band 1 Units

Choose 3 units from the following Band 1 units.

#### Band 1, Semester 1

CEP291	Environmental Law and Assessment
CEP294	Engineering Contract Development and Administration
EEP101	Algorithms for Control and Engineering
EEP102	Unix and C for Engineers
EEP103	Computer Hardware and Interfacing
MEN101	Research Methodology

#### Band 1, Semester 2

CEP141	Studies in Environmental Engineering
CEP201	Process Modelling
CEP295	Civil Engineering Management in a Project Environment
EEP129	Image Processing and Computer Vision
MEN102	Advanced Mechanical Engineering Studies

#### Band 1, Block Mode#

MEN170	Systems Modelling and Simulation
MEN172	Cost Analysis and Asset Management
MEN280	Engineering Project Management

#Block mode classes are held in teaching periods, which run consecutively for 5 weeks at a time, instead of semesters. Classes are held on Tuesday and Thursday from 4pm to 8pm, and Saturday from 9am to 5pm in the first two weeks of a teaching period. Please check QUT Virtual or the School Administration Officer for details of teaching periods for the above block mode units.

#### Band 2 Units

3 units are to be chosen from the range of Band 2 units.

#### Band 2, Block Mode#

MEN171	Advanced Manufacturing Technologies
MEN175	Energy and Environmental Management
MEN177	Total Quality Management
MEN241	Reliability and Maintenance Management
MEN272	Enterprise Resource Planning

MEN273 Engineering Knowledge Management

#For block mode classes see above.

**Band 2, Semester 1, 2 or 3**

MEN103 Mechanical Engineering Specialised Unit 1

MEN104 Mechanical Engineering Specialised Unit 2

MEN105 Mechanical Engineering Specialised Unit 3

Students must consult with the course coordinator before enrolling in MEN103, 104 or 105.

**Band 3 Project**

Project must normally be taken but may be substituted with the approval of the course coordinator for two additional Band 2 units

**Band 3, Semester 1 or 2**

MEN190-1 Project

MEN190-2 Project

**Note:** Unit MEN177 Total Quality Management, MEN101 Research Methodology and MEN102 Advanced Mechanical Engineering Studies must normally be taken, but may be substituted with the approval of the course coordinator if the student has adequate prior knowledge in the relevant field.

## ■ Master of Landscape Architecture (PS71)

**Award title:** Master of Landscape Architecture

**CRICOS code:** 020301K

**Location:** Gardens Point

**Course duration (full-time):** 1 year plus 1 year part-time Built Environment (Landscape Architecture) graduates or equivalent; 2 years plus 1 year part-time (Other graduates)

**Course duration (part-time):** 3 years Built Environment (Landscape Architecture); 5 years (Other graduates)

**Total credit points:** 228 (excluding any Masters qualifying units)

**Course coordinator:** Associate Professor Glenn Thomas

### Entry Requirements

A bachelor degree, or equivalent professional qualification, with a minimum grade point average of 5.

Applicants entering this course from non-design qualifications require basic skills in design/perception theory, freehand and technical graphics. A three-module full-fee paying Summer unit is available for this purpose. Computer literacy is also required.

In order to be considered for entry to either the Graduate Diploma or Masters courses, applicants must complete:

Application for Admission form as well as the following which should be forwarded direct to the course coordinator.

Position Statement - a personal statement (1 x A4 typed page) in which the applicant demonstrates an understanding of the profession and the guiding belief systems of landscape architecture and shows the applicant's potential to 'fit' within this profession.

Illustrated Autobiography - a concise self-expose which shows, in a combination of words and graphics, the applicant's life and interests. The objective is to give an insight into the person making the application and to demonstrate an aptitude for design as the core activity of the profession. This document is not a resume or curriculum vitae, nor is it a folio of previous work experience. It will be in A3 format and is not to exceed five pages.

### Professional Recognition

Professional accreditation for the course has been granted by the Australian Institute of Landscape Architects.

### Course Structure

#### Summer Semester - Introductory Unit

PSP275 Introductory Design and Graphics

For applicants entering the course from non Landscape Architecture or related qualification.

#### Foundation Level Studies

##### Year 1, Semester 1

(Entry for graduates of 3-year degree other than the Bachelor of Built Environment - Landscape Architecture)

PSB434 Landscape Construction A (L'scape Only)

PSB413 Graphics, or

PSB414 Professional Skills 1, or

PSB415 Contemporary Landscape Design, or

PSB610 Government and Law

PSP263 Landscape Ecology

PSP264 Spatial Design Theory

##### Year 1, Semester 2

PSB444 Landscape Construction B (L'scape Only)

PSB417 Manual/Digital Graphics, or

PSB432 History of Built Environment, or

Other elective approved by course coordinator

PSB442 Plant Studies (L'scape Only)

PSP268 Site Planning

**Note:** Selection of Foundation level units depends on individual student background - please consult course coordinator before finalising your enrolment.

#### Professional Level Studies

##### Year 2, Semester 1

(Entry for Bachelor of Built Environment - Landscape Architecture graduates.)

PSP269 Advanced Construction and Practice 1

PSP270 Elective

PSP271 Advanced Landscape Design 1

##### Year 2, Semester 2

PSP272 Advanced Construction and Practice 2

PSP273 Landscape Planning

PSP274 Advanced Landscape Design 2

#### Masters Level Studies

##### Year 3, Semester 1

PSN211 Research Project 1

PSN213 Specialisation

PSN214 Elective

##### Year 3, Semester 2

PSN212 Research Project 2

PSN214 Elective

**Note:** PSN214 may be taken in either semester 1 or 2.

### Part-time Course Structure

#### Summer Semester - Introductory Unit

PSP275 Introductory Design and Graphics

For applicants entering the course from non Landscape Architecture or related qualification.

#### Foundation Level Studies

##### Year 1, Semester 1

(Entry for graduates of 3-year degree or diploma other than the Bachelor of Built Environment - Landscape Architecture.)

PSB434 Landscape Construction A (L'scape Only)

PSB413 Graphics, or

PSB414 Professional Skills 1, or

PSB415 Contemporary Landscape Design, or

PSB610 Government and Law

##### Year 1, Semester 2

PSB444 Landscape Construction B (L'scape Only)

PSB417 Manual/Digital Graphics, or

PSB432 History of Built Environment, or

Other elective approved by the course coordinator.

**Note:** Selection of Foundation level units depends on individual student background - please consult course coordinator before finalising your enrolment.

##### Year 2, Semester 1

PSP263 Landscape Ecology

PSP264 Spatial Design Theory

##### Year 2, Semester 2

PSB442 Plant Studies (L'scape Only)

PSP270 Elective

#### Professional Level Studies

##### Year 3, Semester 1

(Entry for Bachelor of Built Environment - Landscape Architecture graduates)

PSP269 Advanced Construction and Practice 1

PSP270 Elective

##### Year 3, Semester 2

PSP272 Advanced Construction and Practice 2

PSP273 Landscape Planning

##### Year 4, Semester 1

PSP271 Advanced Landscape Design 1

##### Year 4, Semester 2

PSP274 Advanced Landscape Design 2

### **Masters Level Studies**

#### **Year 5, Semester 1**

PSN211 Research Project 1

PSN213 Specialisation

PSN214 Elective

#### **Year 5, Semester 2**

PSN212 Research Project 2

PSN214 Elective

**Note:** PSN214 may be taken in either semester one or two.

## ■ Master of Project Management (CN77)

**Award title:** Master of Project Management

**CRICOS code:** 016350B

**Location:** Gardens Point

**Course duration (full-time):** 1.5 years

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Jay Yang

### **Entry Requirements**

A relevant bachelor degree from an approved tertiary institution and demonstrated potential in professional activity to undertake masters degree course, OR successful completion of CN64 Graduate Diploma in Project Management with a grade point average of 5.0 or better, OR qualifications deemed equivalent to the above by the Dean of the Faculty on the recommendation of the course coordinator, AND at least three years appropriate industry experience after graduation.

### **Course Structure**

The first two semesters full-time or four semesters part-time are identical to the Graduate Diploma in Project Management (CN64). Persons admitted to the Masters program who are graduates of the Graduate Diploma in Project Management (CN64) will need to submit an Application for Academic Credit form for the units they have already completed. At the completion of the coursework component of the Masters Degree program but before the completion of the Dissertation, students may elect to exit with the Graduate Diploma in Project Management.

### **Full-time Course Structure**

#### **Year 1, Semester 1**

CNP520 Project Management

CNP521 Project Cost and Risk Management

CNP532 Innovation and Technology Management

CNP551 Project Human Resource Management

#### **Year 1, Semester 2**

CNP534 International Project Management

CNP533 Project Management Law

Two Electives

#### **Year 2, Semester 1**

CNN442-1 Dissertation

CNN442-2 Dissertation

Includes Research Methodology lectures and incorporates Advanced Information Retrieval Skills

### **Part-time Course Structure**

#### **Year 1, Semester 1**

CNP520 Project Management

CNP521 Project Cost and Risk Management

#### **Year 1, Semester 2**

CNP533 Project Management Law

CNP534 International Project Management

#### **Year 2, Semester 1**

CNP532 Innovation and Technology Management

CNP551 Project Human Resource Management

#### **Year 2, Semester 2**

Two Electives

#### **Year 3, Semester 1**

CNN442-1 Dissertation

#### **Year 3, Semester 2**

CNN442-2 Dissertation

## ■ Master of Property Economics (CN92)

**Award title:** Master of Property Economics

**CRICOS code:** 036432A

**Location:** Gardens Point

**Course duration (full-time):** 1.5 years

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Professor Terry Boyd

### **Entry Requirements**

A relevant three-year bachelor degree; OR

successful completion of CN91 Graduate Diploma in Property Economics with a grade point average of 5.0 or above; OR

qualifications deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND

at least three years appropriate industry experience after graduation.

### **Additional Information**

The first two semesters full-time or four semesters part-time are identical to the Graduate Diploma in Property Economics (CN91). Persons admitted to the Masters program who are graduates of the Graduate Diploma in Property Economics (CN91) will need to submit an Application for Academic Credit form for the units they have already completed.

At the completion of the coursework component of the Masters Degree program but before the completion of the Dissertation, students may elect to exit with the Graduate Diploma in Property Economics.

### **Majors**

While the course provides an overview of property as an asset, there are majors in Property Investment and Property Development. There are several common units across the majors however applicants are required to select one major.

### **Course Structure**

Variations to the recommended study program require prior approval from the course coordinator.

Students who commence mid-year should enrol in Semester 2 units.

### **Full-time Course Structure**

#### **Property Development**

##### **Year 1, Semester 1**

CNP520 Project Management

CNP521 Project Cost and Risk Management

CNP547 Property Investment

CNP555 Property Market Analysis

##### **Year 1, Semester 2**

CNP545 Project Development

CNP554 Advanced Land Development

Two Electives

##### **Year 2, Semester 1**

CNN442-1 Dissertation

CNN442-2 Dissertation

#### **Property Investment and Management**

##### **Year 1, Semester 1**

CNP547 Property Investment

CNP555 Property Market Analysis

CNP556 Property Management and Contracts

EFN406 Managerial Finance

##### **Year 1, Semester 2**

CNP554 Advanced Land Development

CNP557 Property Finance and Capital Markets

Two Electives

##### **Year 2, Semester 1**

CNN442-1 Dissertation

CNN442-2 Dissertation

## Part-time Course Structure

### Property Development

#### Year 1, Semester 1

CNP547 Property Investment  
CNP555 Property Market Analysis

#### Year 1, Semester 2

CNP545 Project Development  
CNP554 Advanced Land Development

#### Year 2, Semester 1

CNP520 Project Management  
CNP521 Project Cost and Risk Management

#### Year 2, Semester 2

Two Electives

#### Year 3, Semester 1

CNN442-1 Dissertation

#### Year 3, Semester 2

CNN442-2 Dissertation

### Property Investment and Management

#### Year 1, Semester 1

CNP547 Property Investment  
CNP555 Property Market Analysis

#### Year 1, Semester 2

CNP554 Advanced Land Development  
CNP557 Property Finance and Capital Markets

#### Year 2, Semester 1

CNP556 Property Management and Contracts  
EFN406 Managerial Finance

#### Year 2, Semester 2

Two Electives

#### Year 3, Semester 1

CNN442-1 Dissertation

#### Year 3, Semester 2

CNN442-2 Dissertation

## ■ Master of Urban and Regional Planning (PS70)

**Award title:** Master of Urban and Regional Planning

**CRICOS code:** 020299K

**Location:** Gardens Point

**Course duration (full-time):** 1.5 for Bachelor of Built Environment graduates; 2. for other graduates

**Course duration (part-time):** 2.5 years for Bachelor of Built Environment graduates; 3.4 years for other graduates

**Total credit points:** 240

**Course coordinator:** Assoc Prof Phil Heywood

### Entry Requirements

A bachelor degree or equivalent is required. Applicants entering this course from non-design qualifications require basic skills in design/perception theory, freehand and technical graphics. A two-module full-fee paying Summer unit is available for this purpose. Computer literacy is also required.

Applicants without planning or related qualifications undertake a Foundation Course of six units within the course of 2 years or part time equivalent, including a Summer Semester. These requirements may be reduced by academic credit based on previous studies. A limited number of special entry places are available in the Foundation Course for suitably experienced non-graduates. Special entry includes written and oral examinations and references.

### Professional Recognition

This course is professionally accredited by the Planning Institute of Australia.

### Full-time Course Structure

#### Structure for non BBE graduates\*

\***Note:** This structure is under review and subject to University approval.

#### Summer Semester

DBP403 Design Communication  
DBP406 Computer Applications in Planning

**Note:** DBP403 is a full-fee paying foundation unit for student from a non-design background

### Year 1, Semester 1

DBP401 Urban Design and Site Analysis  
DBP402 Planning Processes  
DBP409 Urban Planning Practice  
DBP410 Research Methods in Planning

### Year 1, Semester 2

DBP404 Economic and Social Foundations of Planning  
DBP413 Regional Planning Practice  
DBP408 Planning Implementation and Law  
DBP414 Regional and Metropolitan Policy  
DBP417 Comparative Planning

**Note:** DBP417 can be taken any time during the course.

### Year 2, Semester 1

DBP407 Environmental Planning and Management  
DBP412 Planning Theory and Ethics  
DBP411 Community Planning  
DBP415 Professional Practice or Research Project

### Year 2, Semester 2

DBP501 Specialisation  
DBP502 Professional Practice or Research Dissertation  
DBP503 Masters Seminar

### Structure for BBE graduates

#### Year 1, Semester 1

DBP409 Urban Planning Practice  
DBP410 Research Methods in Planning  
DBP411 Community Planning  
DBP412 Planning Theory and Ethics

#### Year 1, Semester 2

DBP413 Regional Planning Practice  
DBP414 Regional and Metropolitan Policy  
DBP415 Professional Practice or Research Project  
DBP416 Elective  
DBP417 Comparative Planning

### Year 2, Semester 1

DBP501 Specialisation  
DBP502 Professional Practice or Research Dissertation  
DBP503 Masters Seminar

## Part-time Course Structure - 50% Progression Rate

### Structure for non BBE graduates\*

**Note:** This structure is under review and subject to University approval.

#### Summer Semester

DBP403 Design Communication  
DBP406 Computer Applications in Planning

**Note:** DBP403 is a full-fee paying unit for students from a non-design background.

### Year 1, Semester 1

DBP401 Urban Design and Site Analysis  
DBP402 Planning Processes

### Year 1, Semester 2

DBP404 Economic and Social Foundations of Planning  
DBP408 Planning Implementation and Law

### Year 2, Semester 1

DBP410 Research Methods in Planning  
DBP409 Urban Planning Practice

### Year 2, Semester 2

DBP413 Regional Planning Practice  
DBP414 Regional and Metropolitan Policy

### Year 3, Semester 1

DBP411 Community Planning  
DBP412 Planning Theory and Ethics  
DBP407 Environmental Planning and Management

### Year 3, Semester 2

DBP415 Professional Practice or Research Project  
DBP417 Comparative Planning

**Note:** DBP417 can be undertaken any time during the course.

### Year 4- Semester 1

DBP502 Professional Practice or Research Dissertation  
DBP501 Specialisation

### Year 4, Semester 2

DBP503 Masters Seminar

### Structure for BBE graduates

#### Year 1, Semester 1

DBP409 Urban Planning Practice  
DBP410 Research Methods in Planning

#### Year 1, Semester 2

DBP413 Regional Planning Practice  
DBP414 Regional and Metropolitan Policy

### Year 2, Semester 1

DBP411 Community Planning  
DBP412 Planning Theory and Ethics

### Year 2, Semester 2

DBP415 Professional Practice or Research Project  
DBP416 Elective  
DBP417 Comparative Planning

### Year 3, Semester 1

DBP501 Specialisation  
DBP502 Professional Practice or Research Dissertation

### Year 3, Semester 2

DBP503 Masters Seminar

**Note:** The Masters unit may be taken in Semester 4 by those students wishing to undertake 36 credit points in that semester in order to complete the Master Course in 5 semesters.

## Course Structure - 75% Progression Rate

### Structure for non BBE graduates\*

\***Note:** This structure is under review and subject to University approval.

### Summer Semester

DBP403 Design Communication  
DBP406 Computer Applications in Planning

**Note:** DBP403 is a full-fee paying unit for students from a non-design background.

### Year 1, Semester 1

DBP401 Urban Design and Site Analysis  
DBP402 Planning Processes  
DBP410 Research Methods in Planning

### Year 1, Semester 2

DBP404 Economic and Social Foundations of Planning  
DBP408 Planning Implementation and Law  
DBP414 Regional and Metropolitan Policy

### Year 2, Semester 1

DBP407 Environmental Planning and Management  
DBP411 Community Planning  
DBP412 Planning Theory and Ethics

### Year 2, Semester 2

DBP413 Regional Planning Practice  
DBP415 Professional Practice or Research Project  
DBP417 Comparative Planning

**Note:** DBP417 can be taken anytime during the course.

### Year 3, Semester 1

DBP501 Specialisation  
DBP502 Professional Practice or Research Dissertation  
DBP503 Masters Seminar

### Structure for BBE graduates

### Year 1, Semester 1

DBP409 Urban Planning Practice  
DBP410 Research Methods in Planning  
DBP412 Planning Theory and Ethics

### Year 1, Semester 2

DBP413 Regional Planning Practice  
DBP414 Regional and Metropolitan Policy  
DBP415 Professional Practice or Research Project

### Year 2, Semester 1

DBP411 Community Planning  
DBP416 Elective  
DBP417 Comparative Planning

### Year 2, Semester 2

DBP501 Specialisation  
DBP502 Professional Practice or Research Dissertation  
DBP503 Masters Seminar

## ■ Graduate Diploma in Civil Engineering (CE64)

**Award title:** Graduate Diploma in Civil Engineering

**CRICOS code:** 036430C

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Mr Yin Foong

### Entry Requirements

You must hold an acceptable degree or diploma in engineering from a recognised institution. If you do not meet the requirements for normal entry but hold a degree or diploma in a scientific or

technological field or other equivalent qualifications or hold professional engineering recognition you may be required to complete such prerequisite engineering units as may be determined by the course coordinator prior to enrolment in the course.

### Course structure

## Environmental Engineering

### Semester 1

CEP291 Environmental Law and Assessment  
3 Electives from the list below

### Semester 2

CEP141 Studies in Environmental Engineering  
3 Electives from the list below

## Transportation Engineering

### Semester 1

CEP218 Transportation Engineering  
3 Electives from the list below

### Semester 2

CEP216 Advanced Traffic Engineering  
3 Electives from the list below

### Electives, Semester 1

CEP127 Road and Traffic Engineering  
CEP142 Water Pollution Control  
CEP161 Professional Development Studies 1  
CEP201 Process Modelling  
CEP218 Transportation Engineering  
CEP291 Environmental Law and Assessment  
CEP293 Pavement Design

### Electives, Semester 2

CEP141 Studies in Environmental Engineering  
CEP143 Biological Treatment Processes  
CEP151 Road Safety Audit - Principles and Practice  
CEP216 Advanced Traffic Engineering  
CEP292 Engineering Practice 2  
CEP262 Professional Development Studies 2

With the approval of the Course Coordinator students may be permitted to take units from other engineering areas.

The School reserves the right to offer the units according to enrolment quotas and staff availability.

Advice must be sought from the course coordinator before enrolling in this unit.

## ■ Graduate Diploma in Computer and Communications Engineering (EE67)

**Award title:** Graduate Diploma in Computer and Communications Engineering

**CRICOS code:** 015184G

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr John Edwards

### Entry Requirements

Applicants for the Graduate Diploma must hold a bachelor degree in Electrical Engineering, Information Technology or equivalent; or have successfully completed the Graduate Certificate in Computer and Communications Engineering.

### Course Structure

Graduate Diploma students select a total of eight units from Semester 1 and Semester 2 lists.

### Semester 1 - Units

EEP101 Algorithms for Control and Engineering  
EEP102 Unix and C for Engineers  
EEP103 Computer Hardware and Interfacing  
EEP124 Data Communications  
EEP126 Communications Digital Signal Processing  
EEP137 Advanced Topic A  
Elective unit 1

### Semester 2 - Units

EEP104 Real-Time Operating Systems

EEP120	Networks and Distributed Computing
EEP123	Process Control and Robotics
EEP127	Advanced Topic B
EEP128	Detection and Estimation
EEP129	Image Processing and Computer Vision
EEP135	Digital Signal Processing and Applications
	Elective unit 2

#### Elective Units

EEB911	Electrical Energy Systems
EEB941	Modern Signal Processing
EEB960	Wireless Communications
EEB961	RF and Applied Electromagnetics
EEB976	Advanced Industrial Electronics
EEB992	VLSI Circuits and Systems

**Note:** Graduate Diploma students complete 8 units from semester 1 and 2 lists.

At the discretion of the course coordinator, students maybe allowed to select an elective from any advanced topics offered by the University.

## ■ Graduate Diploma in Electricity Supply Engineering (EE60)

**Award title:** Graduate Diploma in Electricity Supply Engineering

**Location:** Gardens Point and External

**Course duration (part-time):** 4 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor David Birtwhistle

### Entry Requirements

A bachelor degree in Electrical Engineering with a study of power subjects to third-year level.

There is provision also for entry by Associate Diploma or Advanced Diploma holders with industry experience.

### Course Structure

In the Graduate Diploma students must complete 24 units from List. Units are offered in block mode or by distance education. Block mode units are held twice yearly and distance education units are year round. Ad hoc Block modes units are also offered in Brisbane and throughout Australia and New Zealand in demand. Please contact the Course Coordinator for further information.

### Course Structure

**Choose 24 Units from list below**

EEP201	Fundamentals of Power System Earthing
EEP202	Thermal Ratings and Heat Transfer
EEP203	Testing and Condition Monitoring
EEP204	Power System Load Flow Analysis
EEP205	Power System Fault Calculations
EEP206	Project Management
EEP207	Overhead Line Route Selection - Environmental Factors
EEP208	Economic Analysis for Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP212	Advanced Power System Protection
EEP213	Statistics
EEP214	Risk Assessment in the Electricity Supply Industry
EEP215	Reliability
EEP216	Overhead Line Design - Electrical
EEP218	Introduction to Automated System Control and Supervisory Systems
EEP217	Overhead Line Design - Mechanical
EEP220	Distribution Planning
EEP219	High Voltage Substation Equipment: Power Transformers and Reactive Power Plant
EEP221	Limits to Power System Stability
EEP222	Maintenance of Electricity Supply Systems
EEP223	Load Forecasting
EEP244	Circuit Breakers - Switchgear
EEP240	Organisation and Financial Management in the Electricity Supply Industry
EEP241	Distance Protection

EEP243	Contract Administration
EEP245	Introduction to Substation Design
EEP246	Customer Metering
EEP248	Introduction to Electricity Markets
<b>Units available by distance education with flexible enrolment year round</b>	
EEP202	Thermal Ratings and Heat Transfer
EEP204	Power System Load Flow Analysis
EEP208	Economic Analysis for Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP212	Advanced Power System Protection
EEP213	Statistics
EEP214	Risk Assessment in the Electricity Supply Industry
EEP215	Reliability
EEP220	Distribution Planning
EEP241	Distance Protection

## ■ Graduate Diploma in Geographic Information Systems (PS78)

**Award title:** Graduate Diploma in Geographic Information Systems

**CRICOS code:** 040337K

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr John Hayes

### Entry Requirements

Applicants must hold a relevant bachelor degree or diploma from an approved tertiary institution; or have qualifications deemed equivalent to the above by the Head of School of Design and Built Environment; or other academic qualifications supported by a minimum of two years work experience of relevant depth and breadth on application to the Head of School, Design and Built Environment.

### Full-time Course Structure

#### Year 1, Semester 1

PSB631	Geographic Information Systems 1
PSB655	Remote Sensing
	Two Electives*

#### Year 1, Semester 2

PSB654	Topics on Spatial Information Science
PSN213	Specialisation
	Two Electives*

Please refer to the electives list.

### Part-time Course Structure

#### Year 1, Semester 1

PSB631	Geographic Information Systems 1
	1 Elective*

#### Year 1, Semester 2

PSB654	Topics in Spatial Information Science
	1 Elective*

#### Year 2, Semester 1

PSB655	Remote Sensing
	1 Elective*

#### Year 2, Semester 2

PSN213	Specialisation
	1 Elective*

Please refer to the electives list.

### Mid Year Entry

### Full-time Course Structure

#### Year 1, Semester 2

PSB631	Geographic Information Systems 1
PSB655	Remote Sensing
	2 Electives*

#### Year 2, Semester 1

PSB654	Topics in Spatial Information Science
PSN213	Specialisation
	2 Electives*

Please refer to the electives list.

## Mid Year Entry

### Part-time Course Structure

#### Year 1, Semester 2

PSB631 Geographic Information Systems 1  
1 Elective\*

#### Year 2, Semester 1

PSB654 Topics in Spatial Information Science  
1 Elective\*

#### Year 2, Semester 2

PSB655 Remote Sensing  
1 Elective\*

#### Year 3, Semester 1

PSP510 Specialisation  
1 Elective\*

\*Please refer to the electives list.

### Electives (Subject to availability)

#### Semester 1

BNB011 Fundamentals of Synthetic Environments  
DBP401 Urban Design and Site Analysis  
DBP402 Planning Processes  
PSB432 History of Built Environment  
PSB612 Spatial and Land Information Management  
PSB630 Cartography and Digital Mapping  
PSB643 Geodesy  
PSP311 Professional Practice Management

#### Semester 2

BNB011 Fundamentals of Synthetic Environments  
DBP407 Environmental Planning and Management  
PSB632 Photogrammetry  
PSB633 Map Production: Principles and Practice  
PSB644 Advanced Geodesy  
PSP268 Site Planning  
PSP273 Landscape Planning

**Notes:** Please consult with the course coordinator before finalising your enrolment.

Full-time students are required to enrol in 48 credit points per semester. This includes two core units and two electives per semester (from the list above or from other undergraduate and postgraduate units).

Part-time students are required to enrol in 24 credit points per semester. Select one core unit and any other unit from the electives listed, of from other undergraduate and postgraduate units.

Please note: Electives are subject to availability.

Semester 1: PSB643 Geodesy

Semester 2: PSB633 Map Production: Principles & Practice; PSB644 Advanced Geodesy; PSB654 Topics in Spatial Information Science

## ■ Graduate Diploma in Geomatics (PS74)

**Award title:** Graduate Diploma in Geomatics

**CRICOS code:** 036437G

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Dr John Hayes

### Entry Requirements

A recognised tertiary degree requiring at least four years full time study or its equivalent;

OR a qualification from another tertiary institution considered by the Head of School of Design and Built Environment to be at least equivalent to the degree of Bachelor of Surveying of this University. In addition, graduates should have at least one year's field experience (or its equivalent) following graduation in the practice of surveying. Entry will also be available on the basis of other academic qualifications supported by a minimum of 2 years work experience of relevant depth and breadth on application to the Head of School.

### Professional Recognition

The Diploma is recognised professionally by the Mapping Sciences Institute, Australia (now the Spatial Sciences Institute).

## February Entry

### Full-time Course Structure

#### Year 1, Semester 1

PSP326 GIS and GPS  
PSP316 Survey Computing and Processing  
2 Electives

#### Year 1, Semester 2

PSP323 Project Site Surveys  
PSB654 Topics in Spatial Information Science  
2 Electives

**Notes:** Full-time students are required to enrol in 48 credit points per semester. This includes two core units per semester and two electives from the Electives list.

## February Entry

### Part-time Course Structure

#### Year 1, Semester 1

PSP316 Survey Computing and Processing  
Elective

#### Year 1, Semester 2

PSP323 Project Site Surveys  
Elective

#### Year 2, Semester 1

PSP326 GIS and GPS  
Elective

#### Year 2, Semester 2

PSB654 Topics in Spatial Information Science  
Elective

**Notes:** Part-time students are required to enrol in 24 credit points per semester. Select one core unit any other unit from the Electives listed.

## July Entry

### Full-time Course Structure

#### Year 1, Semester 2

PSP323 Project Site Surveys  
PSB654 Topics in Spatial Information Science  
2 Electives

#### Year 2, Semester 1

PSP326 GIS and GPS  
PSP316 Survey Computing and Processing  
2 Electives

**Notes:** Full-time students are required to enrol in 48 credit points per semester. This includes two core units per semester and two electives from the Electives listed.

## July Entry

### Part-time Course Structure

#### Year 1, Semester 2

PSB654 Topics in Spatial Information Science  
Elective

#### Year 2, Semester 1

PSP316 Survey Computing and Processing  
Elective

#### Year 2, Semester 2

PSP323 Project Site Surveys  
Elective

#### Year 3, Semester 1

PSP326 GIS and GPS  
Elective

**Notes:** Part-time students are required to enrol in 24 credit points per semester. Select one core unit and any other unit from the Electives listed, or from other undergraduate and postgraduate units.

### PS74 – Electives (subject to availability)

#### Semester 1

BNB011 Fundamentals of Synthetic Environments  
DBP401 Urban Design and Site Analysis  
DBP402 Planning Processes  
PSB432 History of Built Environment  
PSB612 Spatial and Land Information Management  
PSB630 Cartography and Digital Mapping  
PSB643 Geodesy  
PSP314 Boundary Definition Surveys 1  
PSP317 Property Development Surveys

#### Semester 2

BNB011 Fundamentals of Synthetic Environments

DBP407	Environmental Planning and Management
PSB631	Geographic Information Systems 1
PSB632	Photogrammetry
PSB633	Map Production: Principles and Practice
PSB644	Advanced Geodesy
PSB655	Remote Sensing
PSP268	Site Planning
PSP273	Landscape Planning

**Notes:** Full-time students are required to enrol in 48 credit points per semester. This includes two core units per semester and two Electives from the list above, or from other undergraduate and postgraduate units. Electives are subject to availability

Part-time students are required to enrol in 24 credit points per semester. Select one core unit and any other unit from the Electives listed, or from other undergraduate and postgraduate units.

The following units and semesters of offer are only available to postgraduate students subject to discussion with the course coordinator:

Semester 1: PSB643 Geodesy

Semester 2: PSB633 Map Production: Principles & Practice

PSB644 Advanced Geodesy

## ■ Graduate Diploma in Industrial Design (AR61)

**Award title:** Graduate Diploma in Industrial Design

**CRICOS code:** 003479C

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Vesna Popovic

### Entry Requirements

A relevant degree or diploma from a recognised tertiary institution, or professional recognition through an equivalent course of study or examination.

### Professional Recognition

The Graduate Diploma in Industrial Design has been recognised by the Design Institute of Australia (DIA). Graduates are eligible for associate membership. The QUT program is an educational member of the International Council of the Society of Industrial Design (ICSID).

### Full-time Course Structure

#### Semester 1

ADP207	Industrial Design 5
ADP267	Industrial Design Research 1
ADP217	Professional Practice and Management
ADP247	Advanced Computer Aided Industrial Design

#### Semester 2

ADP218	Advanced Ergonomics
ADP268	Industrial Design Research 2A
ADP269	Industrial Design Research 2B
ADP943	Elective 3

### Part-time Course Structure

#### Year 1, Semester 1

ADP207	Industrial Design 5
ADP247	Advanced Computer Aided Industrial Design

#### Year 1, Semester 2

ADP218	Advanced Ergonomics
ADP943	Elective 3

#### Year 2, Semester 1

ADP267	Industrial Design Research 1
ADP217	Professional Practice and Management

#### Year 2, Semester 2

ADP268	Industrial Design Research 2A
ADP269	Industrial Design Research 2B

## ■ Graduate Diploma in Interior Design (AR62)

**Award title:** Graduate Diploma in Interior Design

**CRICOS code:** 006361D

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Dianne Smith

### Entry Requirements

A degree or diploma in interior design or in a relevant discipline from a recognised tertiary institution; or professional recognition through an equivalent course of study or examination.

### Professional Recognition

The Graduate Diploma in Interior Design is recognised by the Design Institute of Australia (DIA).

### Full-time Course Structure

#### Semester 1

ADP107	Interior Design 7
ADP114	Professional Studies 1
ADP161	Interior Research 1
ADP155	Interior as a Construct 1

#### Semester 2

ADP108	Interior Design 8
ADP156	Interior as a Construct 2
ADP162	Interior Research 2
ADP932	Professional Studies 2

### Part-time Course Structure

#### Year 1, Semester 1

ADP114	Professional Studies 1
ADP155	Interior as a Construct 1

#### Year 1, Semester 2

ADP932	Professional Studies 2
ADP156	Interior as a Construct 2

#### Year 2, Semester 1

ADP107	Interior Design 7
ADP161	Interior Research 1

#### Year 2, Semester 2

ADP108	Interior Design 8
ADP162	Interior Research 2

## ■ Graduate Diploma in Landscape Architecture (PS66)

**Award title:** Graduate Diploma in Landscape Architecture

**CRICOS code:** 003478D

**Location:** Gardens Point

**Course duration (full-time):** 1 year BBLt Env (L'scape Arch) graduates; 2 years other graduates

**Course duration (part-time):** 2 years BBLt Env (L'scape Arch) graduates; 4 years (other graduates)

**Total credit points:** 192

**Course coordinator:** Associate Professor Glenn Thomas

### Entry Requirements

A bachelor degree or three-year diploma, or equivalent professional qualification with a minimum Grade Point Average of 5. Applicants entering this course from non-design qualifications require basic skills in design/perception theory, freehand and technical graphics. A three-module full fee paying Summer unit is available for this purpose. Computer literacy is also required.

In order to be considered for entry to either the Graduate Diploma or Masters courses, applicants must complete:

1. Application for Admission form
2. A personal statement in which the applicant demonstrates an understanding of the profession and the guiding belief systems of landscape architecture and shows the applicant's potential to 'fit' within this profession.
3. An Illustrated Autobiography - a concise self-expose which shows, in a combination of words and graphics, the applicant's life and interests. The objective is to give an insight into the applicant and demonstrate an aptitude for design as the core



activity of the profession. This document is not a resume or curriculum vitae. It will be in A3 format and is not to exceed five pages. These documents are to be forwarded to the course coordinator.

## Full-time Course Structure

### Summer Semester - Introductory Unit

PSP275 Introductory Design and Graphics

For applicants entering the course from non design disciplines.

### Foundation Level Studies

#### Year 1, Semester 1

(Entry for graduates of 3-year degree or diploma other than the Bachelor of Built Environment - Landscape Architecture)

PSB434 Landscape Construction A (L'scape Only)

PSB413 Graphics, or

PSB414 Professional Skills 1, or

PSB415 Contemporary Landscape Design, or

PSB610 Government and Law

PSP263 Landscape Ecology

PSP264 Spatial Design Theory

#### Year 1, Semester 2

PSB444 Landscape Construction B (L'scape Only)

PSB417 Manual/Digital Graphics, or

PSB432 History of Built Environment, or

Other elective approved by course coordinator

PSB442 Plant Studies (L'scape Only)

PSP268 Site Planning

**Note:** Selection of Foundation level units depends on individual student background - please consult course coordinator before finalising your enrolment.

### Professional Level Studies

#### Year 2, Semester 1

(Entry for Bachelor of Built Environment - Landscape Architecture graduates.)

PSP269 Advanced Construction and Practice 1

PSP270 Elective

PSP271 Advanced Landscape Design 1

#### Year 2, Semester 2

PSP272 Advanced Construction and Practice 2

PSP273 Landscape Planning

PSP274 Advanced Landscape Design 2

## Part-time Course Structure

### Summer Semester - Introductory Unit

PSP275 Introductory Design and Graphics

For applicants entering the course from non design disciplines.

### Foundation Level Studies

#### Year 1, Semester 1

(Entry for graduates of 3-year degree or diploma other than the Bachelor of Built Environment - Landscape Architecture)

PSB434 Landscape Construction A (L'scape Only)

PSB413 Graphics, or

PSB414 Professional Skills 1, or

PSB415 Contemporary Landscape Design, or

PSB610 Government and Law

#### Year 1, Semester 2

PSB444 Landscape Construction B (L'scape Only)

PSB417 Manual/Digital Graphics, or

PSB432 History of Built Environment, or

Other elective approved by course coordinator.

**Note:** Selection of Foundation level units depends on individual student background - please consult course coordinator before finalising your enrolment.

#### Year 2, Semester 1

PSP263 Landscape Ecology

PSP264 Spatial Design Theory

#### Year 2, Semester 2

PSB442 Plant Studies (L'scape Only)

PSP268 Site Planning

### Professional Level Studies

#### Year 3, Semester 1

(Entry for Bachelor of Built Environment - Landscape Architecture graduates.)

PSP269 Advanced Construction and Practice 1

PSP270 Elective

#### Year 3, Semester 2

PSP272 Advanced Construction and Practice 2

PSP273 Landscape Planning

## Year 4, Semester 1

PSP271 Advanced Landscape Design 1

## Year 4, Semester 2

PSP274 Advanced Landscape Design 2

## ■ Graduate Diploma in Project Management (CN64)

**Award title:** Graduate Diploma in Project Management

**CRICOS code:** 006362C

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Jay Yang

### Entry Requirements

A relevant bachelor degree from an approved tertiary institution; OR successful completion in CN81 Graduate Certificate in Project Management with a grade point average of 5.0 or better, OR qualifications deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND at least three years of appropriate industry experience after graduation. Students who commence mid-year should enrol in semester 2 units.

### Course Structure

In the Graduate Diploma students complete coursework units from the Masters degree with a range of elective options available. Variations to the recommended study program require prior approval from the course coordinator. School electives are offered subject to an appropriate enrolment each semester.

Persons admitted to the Graduate Diploma who are graduates of the Graduate Certificate in Project Management (CN81) will need to submit an application for Academic Credit form for the units they have already completed.

## Full-time Course Structure

### Year 1, Semester 1

CNP520 Project Management

CNP521 Project Cost and Risk Management

CNP532 Innovation and Technology Management

CNP551 Project Human Resource Management

### Year 1, Semester 2

CNP534 International Project Management

CNP533 Project Management Law

Two Electives

## Part-time Course Structure

### Year 1, Semester 1

CNP520 Project Management

CNP521 Project Cost and Risk Management

### Year 1, Semester 2

CNP533 Project Management Law

CNP534 International Project Management

### Year 2, Semester 1

CNP532 Innovation and Technology Management

CNP551 Project Human Resource Management

### Year 2, Semester 2

Two Electives

## ■ Graduate Diploma in Property Economics (CN91)

**Award title:** Graduate Diploma in Property Economics

**CRICOS code:** 036429G

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Professor Terry Boyd

### Entry Requirements

A relevant bachelor degree from an approved tertiary institution; OR

successful completion of CN90 Graduate Certificate in Property Economics with a grade point average of 5.0 or better; OR qualifications deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND at least three years of appropriate industry experience after graduation.

### Course Structure

In the Graduate Certificate and Graduate Diploma courses, students complete coursework units from the Masters degree with a range of elective options available.

Students who commence mid-year should enrol in Semester 2 units.

### Full-time Course Structure

#### Property Development

##### Year 1, Semester 1

CNP520 Project Management  
CNP521 Project Cost and Risk Management  
CNP547 Property Investment  
CNP555 Property Market Analysis

##### Year 1, Semester 2

CNP545 Project Development  
CNP554 Advanced Land Development  
Two Electives

#### Property Investment and Management

##### Year 1, Semester 1

CNP547 Property Investment  
CNP555 Property Market Analysis  
CNP556 Property Management and Contracts  
EFN406 Managerial Finance

##### Year 1, Semester 2

CNP554 Advanced Land Development  
CNP557 Property Finance and Capital Markets  
Two Electives

### Part-time Course Structure

#### Property Development

##### Year 1, Semester 1

CNP547 Property Investment  
CNP555 Property Market Analysis

##### Year 1, Semester 2

CNP545 Project Development  
CNP554 Advanced Land Development

##### Year 2, Semester 1

CNP520 Project Management  
CNP521 Project Cost and Risk Management

##### Year 2, Semester 2

Two Electives

### Part-time Course Structure

#### Property Investment and Management

##### Year 1, Semester 1

CNP547 Property Investment  
CNP555 Property Market Analysis

##### Year 1, Semester 2

CNP554 Advanced Land Development  
CNP557 Property Finance and Capital Markets

##### Year 2, Semester 1

CNP556 Property Management and Contracts  
EFN406 Managerial Finance

##### Year 2, Semester 2

Two Electives

## ■ Graduate Diploma in Urban and Regional Planning (PS72)

**Award title:** Graduate Diploma in Urban and Regional Planning

**CRICOS code:** 003477E

**Location:** Gardens Point

**Course duration (full-time):** 1 for Bachelor of Built Environment graduates; 1.5 years for other graduates

**Course duration (part-time):** 1.5 - 2 years for Bachelor of Built Environment graduates; 2-3 years for other graduates

**Total credit points:** 192

**Course coordinator:** Assoc Prof Phil Heywood

### Entry Requirements

A bachelor degree or equivalent is required. Applicants entering this course from non-design qualifications require basic skills in design/perception theory, planning graphics. A two-module full-fee paying Summer unit is available for this purpose. Computer literacy is also required.

Applicants without planning or related qualifications undertake a Foundation Course of up to six units within the Course of 1.5 years or part-time equivalent including an introductory Summer Semester. These requirements may be reduced by academic credit based on previous studies. A limited number of special entry places are available in the Foundation Course for suitably experienced non-graduates. Special entry includes written and oral examinations and references.

### Professional Recognition

This course is professionally accredited by the Planning Institute of Australia.

### Full-time Course Structure

#### Structure for non BBE graduates\*

**Note:** This Structure is under review and subject to University approval.

##### Year 1, Summer Program

DBP403 Design Communication  
DBP406 Computer Applications in Planning

**Note:** DBP403 is a full-fee paying foundation unit for student from a non-design background

##### Year 1, Semester 1

DBP401 Urban Design and Site Analysis  
DBP402 Planning Processes  
DBP409 Urban Planning Practice  
DBP410 Research Methods in Planning

##### Year 1, Semester 2

DBP404 Economic and Social Foundations of Planning  
DBP407 Environmental Planning and Management  
DBP413 Regional Planning Practice  
DBP414 Regional and Metropolitan Policy

##### Year 2, Semester 1

DBP415 Professional Practice or Research Project  
DBP408 Planning Implementation and Law  
DBP412 Planning Theory and Ethics  
DBP411 Community Planning  
DBP417 Comparative Planning

#### Course structure for BBlt Environment (URP) Students

##### Year 1, Semester 1

DBP409 Urban Planning Practice  
DBP410 Research Methods in Planning  
DBP411 Community Planning  
DBP412 Planning Theory and Ethics

##### Year 1, Semester 2

DBP413 Regional Planning Practice  
DBP414 Regional and Metropolitan Policy  
DBP415 Professional Practice or Research Project  
DBP416 Elective  
DBP417 Comparative Planning

### Part-time Course Structure

#### Structure for non BBE graduates\*

**\*Note:** This structure is under review and subject to University approval.

##### Year 1, Summer Program

DBP403 Design Communication  
DBP406 Computer Applications in Planning

**Note:** DBP403 is a full-fee paying foundation unit for student from a non-design background

##### Year 1, Semester 1

DBP401 Urban Design and Site Analysis  
DBP402 Planning Processes

##### Year 1, Semester 2

DBP404 Economic and Social Foundations of Planning  
DBP407 Environmental Planning and Management

**Year 2, Semester 1**

DBP409 Urban Planning Practice  
DBP410 Research Methods in Planning

**Year 2, Semester 2**

DBP413 Regional Planning Practice  
DBP414 Regional and Metropolitan Policy

**Year 3, Semester 1**

DBP411 Community Planning  
DBP412 Planning Theory and Ethics

**Year 3, Semester 2**

DBP408 Planning Implementation and Law  
DBP415 Professional Practice or Research Project  
DBP417 Comparative Planning

**Note:** DBP417 Comparative Planning may be undertaken at any time during the course.

**Course structure for BBE Environment (URP) Students**

**Year 1, Semester 1**

DBP409 Urban Planning Practice  
DBP410 Research Methods in Planning

**Year 1, Semester 2**

DBP413 Regional Planning Practice  
DBP414 Regional and Metropolitan Policy

**Year 2, Semester 1**

DBP411 Community Planning  
DBP412 Planning Theory and Ethics

**Year 2, Semester 2**

DBP415 Professional Practice or Research Project  
DBP416 Elective  
DBP417 Comparative Planning

**75% Progression Rate Course Structure**

**Structure for non BBE graduates\***

**\*Note:** This structure is under review and subject to University approval.

**Year 1, Summer Program**

DBP403 Design Communication  
DBP406 Computer Applications in Planning

**Note:** DBP403 is a full-fee paying foundation unit for student from a non-design background

**Year 1, Semester 1**

DBP401 Urban Design and Site Analysis  
DBP402 Planning Processes  
DBP409 Urban Planning Practice

**Year 1, Semester 2**

DBP404 Economic and Social Foundations of Planning  
DBP407 Environmental Planning and Management  
DBP413 Regional Planning Practice

**Year 2, Semester 1**

DBP412 Planning Theory and Ethics  
DBP410 Research Methods in Planning  
DBP411 Community Planning

**Year 2, Semester 2**

DBP408 Planning Implementation and Law  
DBP414 Regional and Metropolitan Policy  
DBP415 Professional Practice or Research Project  
DBP417 Comparative Planning

**Note:** DBP417 maybe taken anytime during the course.

**Structure for BBE graduates**

**Year 1, Semester 1**

DBP409 Urban Planning Practice  
DBP410 Research Methods in Planning  
DBP412 Planning Theory and Ethics

**Year 1, Semester 2**

DBP413 Regional Planning Practice  
DBP414 Regional and Metropolitan Policy  
DBP415 Professional Practice or Research Project

**Year 2, Semester 1**

DBP411 Community Planning  
DBP416 Elective  
DBP417 Comparative Planning

**■ Graduate Diploma in Urban Design (DB69)**

**Award title:** Graduate Diploma in Urban Design

**CRICOS code:** 014018G

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 1.5 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Danny O'Hare

**Entry Requirements**

A Bachelor of Built Environment in a related discipline with a grade point average of 5 or better and demonstrated potential in a relevant professional activity or a degree or postgraduate qualification, relevant to Urban Design, with the grade point average of 5 or better and demonstrated potential in a relevant professional activity.

Applicants may be granted provisional entry to this course with a modified enrolment program on the basis of alternative academic or professional attainments.

You may be required to undertake a qualifying program to develop design literacy and graphic skills. A three-module full fee paying Summer unit is available for this purpose. Computer literacy is also required.

**Course Requirements**

Students must complete a minimum of 48 credit points per semester in the full-time course and a minimum of 24 credit points per semester in the part-time course. Students with a grade point average of 5 or better may articulate into the Masters program after one semester full-time or two semesters part-time study.

**Course structure**

**Summer Semester - Introductory Unit**

PSP275 Introductory Design and Graphics

**\*This unit is a full fee paying unit and is available in three modules to suit individual needs.**

**Full-time Course Structure**

**Year 1, Semester 1**

ARB081 History, Theory and Criticism of Urban Design  
ARB082 Urban Design Studio B  
PSP453 Urban Systems and the Physical Environment

**Year 1, Semester 2**

PSN214 Elective, or  
PSN211 Research Project 1  
PSP452 Urban Design Studio A  
PSP451 Production and Use of the Built Environment

**Part-time Structure**

**Year 1, Semester 1**

ARB081 History, Theory and Criticism of Urban Design  
PSP453 Urban Systems and the Physical Environment

**Year 1, Semester 2**

PSP452 Urban Design Studio A  
PSP451 Production and Use of the Built Environment

**Year 2, Semester 1**

ARB082 Urban Design Studio B  
PSN214 Elective, or  
PSN211 Research Project 1

**■ Graduate Certificate in Advanced Landscape Techniques (PS77)**

**Award title:** Graduate Certificate in Advanced Landscape Techniques

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Associate Professor Glenn Thomas

**Entry Requirements**

Applicant must have completed PS75 Graduate Certificate in Landscape Techniques and PS76 Graduate Certificate in Landscape Design or approved equivalent.

**Part-time Course Structure**

**Semester 1**

PSP269 Advanced Construction and Practice 1  
PSP270 Elective

**Semester 2**

PSP272 Advanced Construction and Practice 2

PSP273 Landscape Planning

## ■ Graduate Certificate in Building Fire Safety (AR65)

**Award title:** Graduate Certificate in Building Fire Safety

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Jack Williamson

### Entry Requirements

A bachelor degree in either engineering, architecture, applied science (construction management), building or allied areas or degree-equivalent professional qualifications. Applicants may be admitted without a degree in some circumstances, subject to approval of the course coordinator.

### Professional Recognition

Support has been received from the Australian Institute of Building Surveyors, the Institution of Fire Engineers, The Institution of Engineers Australia; Society of Fire Safety, Queensland Fire Protection Industry Association Inc., Queensland Department of Local Government and Planning, Queensland Department of Public Works and Housing, The Royal Australian Institute of Architects, Queensland Fire and Rescue Authority.

### Course Structure

#### Semester 1

ARB801 Fire Technology and Science

ARB803 Fire and Building Legislation

#### Semester 2

ARB802 Human Behaviour and Fire

ARB804 Fire Safety System Design

ARB801 and ARB803 are prerequisites to ARB804, ARB802 is a corequisite with ARB804.

**Note:** The units are offered in block mode. It is anticipated that the two week intensive workshops will be in early July and late November for further details please contact the School.

## ■ Graduate Certificate in Civil Engineering (CE62)

**Award title:** Graduate Certificate in Civil Engineering

**CRICOS code:** 040341C

**Location:** Gardens Point

**Course duration (full-time):** Full-time may be available in consultation with course coordinator.

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Mr Yin Foong

### Entry Requirements

A Bachelor of Engineering (Civil) or equivalent qualification from a recognised tertiary institution. You may also seek entry if you have an Associate Diploma or Bachelor of Technology degree in Civil Engineering and documentary evidence of approximately five years full-time employment at an advanced technical level in a relevant engineering activity.

### Articulation

Students who achieve a grade point average of 5.0 or above in the Graduate Certificate will be able to apply for entry to the Master of Engineering Science (Civil) (CE74) on the condition that they possess an undergraduate degree in engineering.

### Course structure

#### Environmental Engineering

##### Semester 1

CEP291 Environmental Law and Assessment  
Elective

#### Semester 2

CEP141 Studies in Environmental Engineering  
Elective

#### Transport Engineering

##### Semester 1

CEP218 Transportation Engineering  
Elective

##### Semester 2

CEP216 Advanced Traffic Engineering  
Elective

#### Electives, Semester 1

CEP127 Road and Traffic Engineering  
CEP142 Water Pollution Control  
CEP161 Professional Development Studies 1  
CEP201 Process Modelling  
CEP218 Transportation Engineering  
CEP291 Environmental Law and Assessment  
CEP293 Pavement Design

#### Electives, Semester 2

CEP141 Studies in Environmental Engineering  
CEP151 Road Safety Audit - Principles and Practice  
CEP175 Pavement Maintenance Rehabilitation and Recycling  
CEP216 Advanced Traffic Engineering  
CEP262 Professional Development Studies 2  
CEP292 Engineering Practice 2

Advice must be sought from Course Coordinator before enrolling in this unit.

The School reserves the right to offer the units according to enrolment quotas and staff availability.

With permission of the Course Coordinator students may be permitted to take an elective from other engineering areas.

## ■ Graduate Certificate in Computer and Communications Engineering (EE61)

**Award title:** Graduate Certificate in Computer and Communications Engineering

**CRICOS code:** 043119G

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Mr John Edwards

### Entry Requirements

A bachelor degree in Electrical Engineering, Information Technology or equivalent; or an Associate Diploma /Advanced Diploma in electrical engineering or information technology, or equivalent, together with significant relevant industrial experience, education and training as approved by the course coordinator.

### Course Structure

In the Graduate Certificate students select a total of four units from semester 1 or semester 2 lists.

#### Semester 1

EEP101 Algorithms for Control and Engineering  
EEP102 Unix and C for Engineers  
EEP103 Computer Hardware and Interfacing  
EEP124 Data Communications  
EEP126 Communications Digital Signal Processing  
Elective Unit 1

#### Semester 2

EEP104 Real-Time Operating Systems  
EEP120 Networks and Distributed Computing  
EEP123 Process Control and Robotics  
EEP128 Detection and Estimation  
EEP129 Image Processing and Computer Vision  
EEP135 Digital Signal Processing and Applications  
Elective Unit 2

#### Elective Units

EEB911 Electrical Energy Systems  
EEB941 Modern Signal Processing  
EEB960 Wireless Communications  
EEB961 RF and Applied Electromagnetics  
EEB976 Advanced Industrial Electronics

EEB992 VLSI Circuits and Systems

**Note:** At the discretion of the course coordinator, students maybe allowed to select an elective from any advanced topics offered by the University.

## ■ Graduate Certificate in Electricity Supply Engineering (EE82)

**Award title:** Graduate Certificate in Electricity Supply Engineering

**Location:** Gardens Point and External

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Associate Professor David Birtwhistle

### Entry Requirements

A bachelor degree in electrical engineering with a study of power subjects to third-year level. Provision also for Associate Diploma or Advanced Diploma holders to enter the Graduate Certificate and Graduate Diploma.

### Course Structure

In the Graduate Certificate students choose 12 units from the unit list. Units are offered in block mode or by distance education. Block mode units are held twice yearly and distance education units are year round. Ad hoc Block modes units are also offered in Brisbane and throughout Australia and New Zealand in demand. Please contact the Course Coordinator for further information.

#### Choose 12 units from list

EEP201	Fundamentals of Power System Earthing
EEP202	Thermal Ratings and Heat Transfer
EEP203	Testing and Condition Monitoring
EEP204	Power System Load Flow Analysis
EEP205	Power System Fault Calculations
EEP206	Project Management
EEP207	Overhead Line Route Selection - Environmental Factors
EEP208	Economic Analysis for Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP212	Advanced Power System Protection
EEP213	Statistics
EEP214	Risk Assessment in the Electricity Supply Industry
EEP215	Reliability
EEP216	Overhead Line Design - Electrical
EEP243	Contract Administration
EEP248	Introduction to Electricity Markets
EEP217	Overhead Line Design - Mechanical
EEP218	Introduction to Automated System Control and Supervisory Systems
EEP219	High Voltage Substation Equipment: Power Transformers and Reactive Power Plant
EEP220	Distribution Planning
EEP221	Limits to Power System Stability
EEP222	Maintenance of Electricity Supply Systems
EEP223	Load Forecasting
EEP240	Organisation and Financial Management in the Electricity Supply Industry
EEP241	Distance Protection
EEP244	Circuit Breakers - Switchgear
EEP246	Customer Metering
EEP245	Introduction to Substation Design

**Units available by distance education with flexible enrolment year round.**

EEP202	Thermal Ratings and Heat Transfer
EEP204	Power System Load Flow Analysis
EEP208	Economic Analysis for Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP212	Advanced Power System Protection
EEP213	Statistics
EEP214	Risk Assessment in the Electricity Supply Industry
EEP215	Reliability
EEP220	Distribution Planning
EEP241	Distance Protection

## ■ Graduate Certificate in Engineering Management (ME75)

**Award title:** Graduate Certificate in Engineering Management

**CRICOS code:** 018208C

**Location:** Gardens Point

**Course duration (full-time):** 6 months

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Course coordinator:** Dr Jun Wang

### Entry Requirements

A bachelor degree in engineering or relevant training and experience, as assessed by the course coordinator. Part-time students are expected to be employed in some professional engineering capacity.

### Course Structure

Graduate Certificate students will take four units all of which are offered as part of the Master of Engineering Management.

#### Block Mode #

MEN177	Total Quality Management
MEN171	Advanced Manufacturing Technologies
MEN241	Reliability and Maintenance Management
MEN280	Engineering Project Management
MEN273	Engineering Knowledge Management
MEN172	Cost Analysis and Asset Management
MEN175	Energy and Environmental Management
MEN170	Systems Modelling and Simulation
MEN272	Enterprise Resource Planning

#### # Block mode

Students take 4 units.

Block mode classes are held in teaching periods which run consecutively for 5 weeks at a time, instead of semesters. Classes are held on Tuesday and Thursday from 4pm to 8pm, and Saturday from 9am to 5pm in the first two weeks of a teaching period.

Please check QUT Virtual or contact the School Administration Officer for details of teaching periods for the above block mode units.

## ■ Graduate Certificate in Geographic Information Systems (PS79)

**Award title:** Graduate Certificate in Geographic Information Systems

**CRICOS code:** 040339G

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Dr John Hayes

### Entry Requirements

Applicants must hold a relevant bachelor degree or diploma from an approved tertiary institution; or have qualifications deemed equivalent to the above by the Head of School of Design and Built Environment; or other academic qualifications supported by a minimum of two years work experience of relevant depth and breadth on application to the Head of School, Design and Built Environment.

### Full-time Course Structure

#### Semester 1

PSB631	Geographic Information Systems 1
PSB655	Remote Sensing
Choose 2 Electives*	

#### Semester 1 Electives

DBP401	Urban Design and Site Analysis
DBP402	Planning Processes
PSB432	History of Built Environment
PSB612	Spatial and Land Information Management
PSB630	Cartography and Digital Mapping
PSB643	Geodesy
PSN213	Specialisation
PSN214	Elective
PSP311	Professional Practice Management
PSP314	Boundary Definition Surveys 1

PSP316	Survey Computing and Processing
PSP317	Property Development Surveys
<b>Semester 2 Electives</b>	
BNB011	Fundamentals of Synthetic Environments
DBP407	Environmental Planning and Management
DBP501	Specialisation
PSB631	Geographic Information Systems 1
PSB632	Photogrammetry
PSB633	Map Production: Principles and Practice
PSB644	Advanced Geodesy
PSB655	Remote Sensing
PSN213	Specialisation
PSP268	Site Planning
PSP273	Landscape Planning
PSP326	GIS and GPS
PSP330	Professional Practice Management 2
PSP510	Specialisation

**Notes:** Full-time students are required to enrol in 48 credit points per semester. This includes two core units per semester and two Electives from the list above, or from other undergraduate and postgraduate units with approval of your course coordinators.

The following units and semesters of offer are only available to postgraduate students subject to discussion with the course coordinator:

#### **Semester 1**

PSB643	Geodesy
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#### **Semester 2**

PSB633	Map Production: Principles & Practice
PSB644	Advanced Geodesy
PSB654	Topics in Spatial Information Science
PSN213	Specialisation is available in semester 2 for PS79 students only.

### **Part-time Course Structure**

#### **Year 1, Semester 1**

PSB631	Geographic Information Systems 1
	Choose 1 Elective*

#### **Year 1, Semester 2**

PSB654	Topics in Spatial Information Science
	Choose 1 Elective*

Please refer to Full-time Course Structure for list of Electives.

**Notes:** Part-time students are required to enrol in 24 credit points per semester. Select one core unit and any other unit from the Electives listed, or from other undergraduate and postgraduate units.

### **July Entry**

#### **Full-time Course Structure**

##### **Semester 2**

PSB631	Geographic Information Systems 1
PSB654	Topics in Spatial Information Science
	Choose 2 Electives*

\*Please refer to Full-time Course Structure for list of Electives.

**Notes:** Full-time students are required to enrol in 48 credit points per semester. This includes two core units per semester and two electives from the above-mentioned list, or from other undergraduate and postgraduate units.

### **July Entry**

#### **Part-time Course Structure**

##### **Year 1, Semester 2**

PSB631	Geographic Information Systems 1
	Choose 1 Elective*

##### **Year 2, Semester 1**

PSB654	Topics in Spatial Information Science
	Choose 1 Elective*

Please refer to Full-time Course Structure for list of Electives.

**Notes:** Part-time students are required to enrol in 24 credit points per semester. Select one core unit and any other unit from the electives listed, or from other undergraduate and postgraduate units.

## **■ Graduate Certificate in Geomatics (PS73)**

**Award title:** Graduate Certificate in Geomatics

**CRICOS code:** 036436G

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Dr John Hayes

### **Entry Requirements**

A recognised tertiary degree requiring at least four years full time study or its equivalent;

OR a degree from another tertiary institution considered by the Head of School of Design and Built Environment to be at least equivalent to the degree of Bachelor of Surveying of this University.

In addition, graduates should have at least one year's field experience (or its equivalent) following graduation in the practice of surveying. Entry will also be available on the basis of other academic qualifications supported by a minimum of 2 years work experience of relevant depth and breadth on application to the Head of School.

### **Professional Recognition**

The Graduate Certificate is recognised professionally by the Mapping Sciences Institute, Australia.

### **February Entry**

#### **Full-time Course Structure**

##### **Semester 1**

PSP311	Professional Practice Management
PSP316	Survey Computing and Processing
	Choose 2 Electives*

\*Note: Students are required to select any two units from the Electives list.

### **February Entry**

#### **Part-time Course Structure**

##### **Semester 1**

PSP311	Professional Practice Management
PSP316	Survey Computing and Processing

##### **Semester 2**

Choose 2 Electives\*

\*Note: Students are required to select any two units from the Electives listed below.

### **July Entry**

#### **Full-time Course Structure**

##### **Year 1, Semester 2**

PSP323	Project Site Surveys
PSB654	Topics in Spatial Information Science
	Choose 2 Electives

\*Note: Students are required to select any two units from the Electives list.

### **July Entry**

#### **Part-time Course Structure**

##### **Year 1, Semester 2**

Choose two electives from the electives list

##### **Year 1 -Semester 1**

PSP326	GIS and GPS
PSP316	Survey Computing and Processing

### **PS73 – Electives (subject to availability)**

##### **Semester 1**

BNB011	Fundamentals of Synthetic Environments
DBP401	Urban Design and Site Analysis
DBP402	Planning Processes
PSB432	History of Built Environment
PSB612	Spatial and Land Information Management
PSB630	Cartography and Digital Mapping
PSB643	Geodesy
PSP314	Boundary Definition Surveys 1
PSP317	Property Development Surveys

##### **Semester 2**

BNB011	Fundamentals of Synthetic Environments
DBP407	Environmental Planning and Management
PSB631	Geographic Information Systems 1
PSB632	Photogrammetry
PSB633	Map Production: Principles and Practice
PSB644	Advanced Geodesy
PSB655	Remote Sensing

PSP268 Site Planning  
PSP273 Landscape Planning

**Notes:** Students are required to select any two units from the electives listed above.

## ■ Graduate Certificate in Landscape Design (PS76)

**Award title:** Graduate Certificate in Landscape Design

**CRICOS code:** 037546E

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48 credit points

**Course coordinator:** Associate Professor Glenn Thomas

### Entry Requirements

To be eligible for admission, an applicant must have completed PS75 Graduate Certificate in Landscape Techniques or an approved equivalent.

### Full-time Course Structure

#### Year 1, Semester 2

PSB434 Landscape Construction A (L'scape Only)

PSB413 Graphics, or

PSB415 Contemporary Landscape Design, or

PSB414 Professional Skills 1, or

PSB610 Government and Law

PSP263 Landscape Ecology

PSP264

**Note:** Selection of units depends on individual student background - please consult course coordinator before finalising your enrolment.

### Part-time Course Structure

#### Year 1, Semester 1

PSB434 Landscape Construction A (L'scape Only)

PSB413 Graphics

#### Year 1, Semester 2

PSB444 Landscape Construction B (L'scape Only)

PSB417 Manual/Digital Graphics, or

PSB432 History of Built Environment, or

PSB442 Plant Studies (L'scape Only), or

PSP268 Site Planning, or

Other electives approved by Course Coordinator. Selection of units depends on individual student background - please consult course coordinator before finalising your enrolment

## ■ Graduate Certificate in Landscape Techniques (PS75)

**Award title:** Graduate Certificate in Landscape Techniques

**CRICOS code:** 037545F

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Associate Professor Glenn Thomas

### Entry Requirements

A relevant two year diploma and industry experience or approved equivalent; or a three year diploma or bachelors degree.

Applicants from non-design qualifications require basic skills in design/perception theory, freehand and technical graphics.

Computer literacy is also required.

### Full-time Course Structure

#### Summer Semester - Foundation Level Studies

PSP275 Introductory Design and Graphics

This unit is a required prerequisite for non Bachelor of Built Environment - Landscape Architecture applicants for entry into PSP264.

#### Year 1, Semester 1

PSB434 Landscape Construction A (L'scape Only)

PSB413 Graphics, or

PSB414 Professional Skills 1, or

PSB415 Contemporary Landscape Design, or

PSB610 Government and Law

PSP263 Landscape Ecology  
PSP264 Spatial Design Theory

**Note:** Selection of units depends on individual student background - please consult course coordinator before finalising your enrolment.

### Part-time Course Structure

#### Summer Semester - Foundation Level Studies

PSP275 Introductory Design and Graphics

This unit is a required pre-requisite for non Bachelor of Built

Environment - Landscape Architecture applicants for entry into PSP264.

#### Year 1, Semester 1

PSB434 Landscape Construction A (L'scape Only)

PSB413 Graphics, or

PSB414 Professional Skills 1, or

PSB415 Contemporary Landscape Design, or

PSB610 Government and Law

#### Year 1, Semester 2

PSB444 Landscape Construction B (L'scape Only)

PSB417 Manual/Digital Graphics, or

PSB432 History of Built Environment, or

Other elective approved by course coordinator.

**Note:** Selection of units depends on individual student background - please consult course coordinator before finalising your enrolment.

## ■ Graduate Certificate in Planning Studies (PS82)

**Award title:** Graduate Certificate in Planning Studies

**CRICOS code:** 040336M

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Assoc Prof Phil Heywood

### Entry Requirements

To be eligible for admission, an applicant must have:

- a recognised tertiary degree in any discipline requiring at least three years' full time study or its equivalent, or

- other documented qualifications and experience considered to be equivalent by the Head of School of Design and Built Environment. Applicants may be required to attend an interview, or sit an examination, as part of the selection process.

### Course Structure

An overview of current planning methods is offered in Planning Processes and applied in Community Planning and Urban Site Analysis or Urban Design. These method and practice units are accompanied by opportunities for focused study within Specialisation and Elective units chosen in discussion with the course coordinator.

### Full-time Course Structure

**Note:** Students may choose the Community Planning focus (units listed below) or any four units from the Graduate Diploma in Urban and Regional Planning.

#### Semester 1

DBP401 Urban Design and Site Analysis

DBP402 Planning Processes

DBP411 Community Planning

DBP501 Specialisation

### Part-time Course structure

**Note:** Students may choose the Community Planning focus (units listed below) or any four units from the Graduate Diploma in Urban and Regional Planning.

#### Semester 1

DBP402 Planning Processes

DBP411 Community Planning

#### Semester 2

DBP405 Urban Design

DBP416 Elective

DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

## Mid-Year Entry

### Full-time Course Structure

**Note:** Students may choose the Community Planning focus (units listed below) or any four units from the Graduate Diploma in Urban and Regional Planning.

#### Semester 2

DBP405 Urban Design

DBP408 Planning Implementation and Law

DBP407 Environmental Planning and Management

DBP416 Elective

DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

## Mid-Year Entry

### Part-time Course Structure

**Note:** Students may choose the Community Planning focus (units listed below) or any four units from the Graduate Diploma in Urban and Regional Planning

#### Semester 2

DBP405 Urban Design

DBP416 Elective

DBP416 Elective offers Specialisations in Urban Housing, Urban Design and Environmental and Social Planning. Other topics may be offered depending on staff availability.

#### Semester 1

DBP402 Planning Processes, or

DBP401 Urban Design and Site Analysis

DBP411 Community Planning

## ■ Graduate Certificate in Project Management (CN81)

**Award title:** Graduate Certificate in Project Management

**CRICOS code:** 012705A

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Jay Yang

### Entry Requirements

A relevant bachelor degree from an approved tertiary institution; OR

qualifications and/or extensive, relevant professional experience deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND

at least three years of appropriate industry experience after graduation.

### Course Structure

The first semester full-time or two semesters part-time are identical to the Graduate Diploma in Project Management (CN64). Students who complete the Graduate Certificate in Project Management (CN81) and are successful in gaining entry into the Graduate Diploma in Project Management (CN64) or Master of Project Management (CN77) will be eligible to receive credit for all units studied in the Graduate Certificate.

The full-time Graduate Certificate can only be completed in Semester 1 of any year.

Students who commence mid-year should enrol in Semester 2 units.

### Full-time Course Structure

#### Year 1, Semester 1

CNP520 Project Management

CNP521 Project Cost and Risk Management

CNP532 Innovation and Technology Management

CNP551 Project Human Resource Management

### Part-time Course Structure

#### Year 1, Semester 1

CNP520 Project Management

CNP521 Project Cost and Risk Management

#### Year 1, Semester 2

CNP533 Project Management Law

CNP534 International Project Management

## ■ Graduate Certificate in Property Economics (CN90)

**Award title:** Graduate Certificate in Property Economics

**CRICOS code:** 036428G

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Terry Boyd

### Entry Requirements

A relevant bachelor degree from an approved tertiary institution; OR

qualifications and/or relevant training considered to be deemed equivalent to the above by the Dean of Faculty on the recommendation of the course coordinator; AND

at least three years of appropriate industry experience after graduation.

### Course Structure

In the Graduate Certificate and Graduate Diploma courses, students complete coursework units from the Masters degree with a range of elective options available.

The full-time Graduate Certificate can only be completed in Semester 1 of any year.

Students who commence mid-year should enrol in Semester 2 units.

### Full-time Course Structure

#### Property Development

##### Semester 1

CNP547 Property Investment

CNP555 Property Market Analysis

CNP520 Project Management

CNP521 Project Cost and Risk Management

#### Property Investment and Management

##### Semester 1

CNP547 Property Investment

CNP555 Property Market Analysis

CNP556 Property Management and Contracts

EFN406 Managerial Finance

### Part-time Course Structure

#### Property Development

##### Year 1, Semester 1

CNP547 Property Investment

CNP555 Property Market Analysis

##### Year 1, Semester 2

CNP554 Advanced Land Development

CNP545 Project Development

#### Property Investment and Management

##### Year 1, Semester 1

CNP547 Property Investment

CNP555 Property Market Analysis

##### Year 1, Semester 2

CNP557 Property Finance and Capital Markets

CNP554 Advanced Land Development



## □ Course Requirements and Notes Relating to Undergraduate Courses

### Course progression

It is important that students follow as normal a progression through their courses as possible. Units should be taken in an orderly sequence as set out in published course structures. Units failed should be picked up in the next semester that they are offered. Prerequisite units must normally be passed before a student may proceed to a further unit which has the prerequisite so specified. The course coordinator should be consulted regarding variations from the course structure. This is considered to be a major concession. Students who have failed units, or have doubts about having the necessary background to proceed, should seek the advice of the course coordinator.

### Supplementary assessment

Students may be granted up to two supplementary assessments in the final 96 credit points of study, for coursework programs of three or more years full-time duration or equivalent; and one supplementary assessment in the final 48 credit points for coursework programs of less than three years full-time duration or equivalent.

Eligibility for supplementary assessment will be determined by the Dean and will normally only be considered when a student receives a grade of 2 in a unit where a 3 is required for course completion. The only grade that will be recorded following satisfactory supplementary assessment is S3 (pass supplementary).

### Awards with honours

Honours may be awarded to graduands of the Bachelor of Architecture, the four-year single degree and five-year double degree Bachelor of Engineering and Surveying courses, the four-year Bachelor of Applied Science courses in Construction Management and Quantity Surveying, and the Bachelor of Property Economics. First class honours, second class honours division A and second class honours division B may be awarded. Candidates for a degree with honours must fulfil the requirements for a pass degree and achieve a standard of proficiency in all course units as may from time to time be determined by the Faculty academic board and approved by University Academic Board.

### Eligibility for honours

Eligibility for awards with honours is not affected by the time taken to complete a course. However, to be eligible for such an award, a graduand must have completed the course within the maximum number of calendar years specified in the Student Rules (see the student rules section). Three- and four-year (full-time) courses must be completed in ten years. Combined degree courses must be completed in eleven years. Time limits are measured in calendar years from the first day of the first semester in which the student was enrolled and include periods of interruption such as leave of absence. In addition, to be eligible for an award with honours, a graduand must have been enrolled in the course at QUT for at least two years of full-time study or its equivalent.

### Honours based on grade point average

The Built Environment and Engineering Academic Board has resolved that awards with honours for students graduating post-1992 will be based on grades achieved by students throughout the whole of their course as determined by the Grade Point Average (GPA) calculation.

The GPA calculation includes all attempts at units which are awarded a numeric grade, or the result 'Withdrawn — Failure' (which is converted to a grade of 1).

Students obtaining a GPA of 6.0 or greater will normally qualify for the award of first class honours. Students obtaining a GPA of 5.5 to 5.99 will normally qualify for the award of second class

honours division A. Students obtaining a GPA of 5.0 to 5.49 will normally qualify for the award of second class honours division B.

Students enrolled in double degrees must obtain the required GPA in the Engineering degree component to be eligible for Honours.

### Awards with distinction

Awards 'with distinction' may be awarded to graduands of the three-year single degree courses and the graduate diploma courses undertaken in the Faculty of Built Environment and Engineering. Candidates for a degree 'with distinction' must fulfil the requirements for a pass degree and achieve a standard of proficiency in all course units as may from time to time be determined by the Faculty Academic Board and approved by the University Academic Board.

### Eligibility for 'With Distinction'

See Eligibility for Honours.

### With Distinction based on grade point average

The Built Environment and Engineering Academic Board has resolved that awards 'with distinction' will be based on grades achieved by students throughout the whole of their course as determined by the grade point average calculation.

The GPA calculation includes all attempts at units which are awarded a numeric grade, or the result 'Withdrawn — Failure' (which is converted to a grade of 1).

Students obtaining a GPA of 5.5 or greater will normally qualify for the award of with distinction.

### Dean's list

Each semester, the Faculty of Built Environment and Engineering will publish a Dean's List comprising names of students achieving a GPA of 6.50 or better. The list will be posted on school notice boards. Students will receive a certificate in recognition of their achievement.

### Use of calculators in examinations

Restrictions apply on the use of calculators in examinations. Students should consult their unit coordinator for details.

### Field trips

Attendance at field trips or field projects in engineering and surveying/mapping courses is compulsory.

### Personal Protection Equipment (PPE) Policy

Protective equipment refers to safety glasses/goggles, hearing protection, safety boots, gloves and similar items. While all care is taken to reduce the risks to which students are exposed, protective equipment will be required to be worn in some practical sessions and field excursions. Students are required to wear PPE where and when it has been made clear that it is needed. Students are required to provide certain PPE as indicated by each school within the faculty.

Students enrolled in units specified by the School of Civil Engineering will be required to wear safety shoes for most laboratory practicals and/or field trips. Students not wearing appropriate safety shoes on these occasions will be barred from (i) participating in activities in these units, and (ii) submitting any assessment associated with these activities. Hard hats will be supplied by the School of Civil Engineering, as required. Students **must** provide their own safety shoes, safety glasses/goggles and hearing protection equipment.

All students are bound by the *Queensland Workplace Health and Safety Act*. In this respect, students carrying out their final year projects will be required to do a risk assessment of such projects and also suggest risk management steps that will be taken in case of an accident.

### Industrial experience for Engineering and Surveying/Mapping courses

Industrial Experience forms part of the requirements of engineering and surveying degree courses, in order to provide a realistic background for formal academic studies and to ensure that students become effectively balanced in their professional development. For engineering students, it is a requirement of the Institution of Engineers, Australia, for graduate membership. Industrial Experience is usually undertaken during the long vacation or the mid-semester recess as an employee of a private firm, government agency or local authority, but can also be accumulated during part-time/full-time employment.

Candidates must submit a report no later than the fourth week of the semester, following each period of Industrial Experience. The report is to be written in the required format describing work carried out during the period of Industrial Experience. An Industrial Experience Record Form signed by the employer is also to be submitted. Industrial Experience Record Forms are available from outside the Faculty Office, Level 10, S Block, Gardens Point campus and the School of Design and Built Environment, Level 5, D Block, Gardens Point campus, or the Faculty web site.

A candidate for the degree of Bachelor of Technology (Civil) must obtain at least 45 days of industrial experience in an engineering environment approved by the course coordinator.

A candidate for the degree of Bachelor of Technology (Mechanical) must obtain at least 50 days of industrial experience approved by the course coordinator.

Engineering students must obtain at least 60 days of Industrial Experience in an engineering environment approved by the course coordinator.

Bachelor of Surveying students must obtain at least 90 days of industrial experience in a surveying environment approved by the course coordinator.

Bachelor of Engineering (Aerospace Avionics) students are required to obtain 10 days specialist experience in the avionics industry. This is in addition to the 60 days industrial experience requirement.

Industrial Experience information can be obtained from the Student Services Officer in the Faculty Office, Level 10, S Block, Gardens Point campus or on the web [www.bee.qut.edu.au/bee/industrial](http://www.bee.qut.edu.au/bee/industrial).

#### Enrolment in industrial experience

Surveying/mapping and Engineering students should not formally enrol in industrial experience.

### Industrial experience requirements for Bachelor of Architecture course

A Bachelor of Architecture student must be engaged in approved employment for at least 72 recognised weeks within the last 2-3 years of the course (ADB796 Practice Experience B). Prior to entering Year 4 Semester 1 students enrolled in the Full-time Course Structure, must have completed 20 recognised weeks of approved employment which will be credited to the requirements of Practice Experience B. Students enrolled in the flexible Full-time Course Structure must be engaged in approved employment for at least 48 recognised weeks within the first 3 years of the course (ADB795 Practice Experience A). Flexible full-time students enrol in ADB795 Practice Experience A in second semester of third year. All students enrol in ADB796 Practice Experience B in the second semester of the final year of the course.

**Approved employment** means working under the direction of an architect who is registered at the place of practice where the experience is obtained.

A **recognised week** is 5 days actually worked (7.6 hrs per day with a maximum of 42 hours per week). The minimum period with one employer is 8 weeks.

**Allied experience** can be obtained in approved areas allied to architecture (eg, Civil Engineering, Interior Design, Industrial Design, Quantity Surveying, Construction Management, Town Planning, Landscape Architecture, Building, etc). The maximum period of allied experience is 12 recognised weeks in ADB795 and 18 recognised weeks in ADB796.

**Prior work experience** under the direction of a registered architect before enrolment in the course is accepted up to a maximum of 24 weeks in ADB795 and a maximum of 36 weeks in ADB796.

**Approved employment during leave of absence** is accepted (a) in ADB795 up to a maximum of 24 recognised weeks and (b) in ADB796 after completion of at least one semester of fourth year and prior approval of the course coordinator up to a maximum of 36 recognised weeks.

**Reporting each month** is required on the electronic logbook. Students without access to the electronic logbook system, are to contact the course coordinator who will establish the reporting arrangements for their work experience. The electronic logbook automatically produces the AACA log-sheets required in ADB796.

**Credited employment period** only counts once (eg, period required for ADB795 cannot also be used for the 20 week period for entry in the last 2 years full-time mode). The employment period of ADB795 for students admitted directly into the third year of the flexible full-time course is 24 recognised weeks and the employment period of ADB796 for students admitted directly into the last year of the course is one year (52 recognised weeks).

#### Types of experience required:

- **ADB795 Practice Experience A**
  - At least 50% of time in undertaking design and/or documentation duties.
- **ADB796 Practice Experience B**
  - (a) At least 50% of time in undertaking design and documentation duties.
  - (b) Provide the following experiences on the electronic AACA log sheets:
    - contract documentation experience (AACA element 2.2.2); and
    - preliminary site investigation and evaluation of at least one project during the last 2-3 years of the course (AACA element 3.1.2); and
    - some aspect of the administration of the project contract of at least one project during the last 2-3 years of the course which can be 'observer' status where direct experience is unavailable (AACA element 3.3.1).

### ■ Bachelor of Applied Science (Construction Management) (CN51)

**Award title:** Bachelor of Applied Science (Construction Management)

**CRICOS code:** 006363B

**Location:** Gardens Point

**Course duration (full-time):** 4 years or 5.5 years flexible full-time

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Matthew Humphreys

#### Special Course Requirements

All students are required to obtain a minimum of 100 days of employment in the final year of the course as a part of CNB409 Professional Practice 1 and CNB423 Professional Practice 2.

## Professional Recognition

Graduates with relevant experience are eligible for membership of the Australian Institute of Building.

## Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points.

This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

## Full-time Course Structure

### Year 1, Semester 1

CNB101 Construction 1  
CNB102 Building Technology 1  
CNB105 Legal and Land Studies  
CNB106 Technical Communications

### Year 1, Semester 2

CNB107 Construction 2  
CNB108 Building Technology 2  
CNB109 Professional Studies 1  
CNB110 Measurement 1

### Year 2, Semester 1

CNB201 Construction 3  
CNB202 Building Technology 3  
CNB203 Building Services  
CNB204 Measurement 2

### Year 2, Semester 2

CNB206 Law 1  
CNB207 Professional Studies 2  
CNB227 Applied Computing  
CNB228 Construction Business Administration

### Year 3, Semester 1

CNB302 Contract Administration  
CNB303 Construction Business Accounting  
CNB305 Construction Estimating  
CNB335 Time Management

### Year 3, Semester 2

CNB307 Building Economics and Cost Management  
CNB308 Professional Studies 3  
CNB309 Law 2  
CNB336 Construction Business Management

### Year 4, Semester 1

CNB409 Professional Practice 1  
CNB433 Dissertation A  
Elective  
Elective

### Year 4, Semester 2

CNB410 Property Development  
CNB423 Professional Practice 2  
Elective  
Elective

### Electives -Semester 1

CNB402 Investment Theory  
CNB481 Construction Dispute Management  
CNB483 Smart and Sustainable Construction  
CNB408 Advanced Building and Civil Construction

**Note:** CNB402 is a recommended elective for semester 1 year 4

### Electives -Semester 2

CNB420 Current Construction Issues  
CNB425 International Construction  
CNB434 Dissertation B

## Flexible Mode Course Structure

### Year 1, Semester 1

CNB101 Construction 1  
CNB102 Building Technology 1  
CNB106 Technical Communications

### Year 1, Semester 2

CNB107 Construction 2  
CNB108 Building Technology 2  
CNB110 Measurement 1

### Year 2, Semester 1

CNB105 Legal and Land Studies  
CNB201 Construction 3  
CNB202 Building Technology 3

### Year 2, Semester 2

CNB109 Professional Studies 1  
CNB206 Law 1  
CNB227 Applied Computing

### Year 3, Semester 1

CNB203 Building Services  
CNB204 Measurement 2  
CNB302 Contract Administration

### Year 3, Semester 2

CNB207 Professional Studies 2  
CNB228 Construction Business Administration  
CNB309 Law 2

### Year 4, Semester 1

CNB303 Construction Business Accounting  
CNB305 Construction Estimating  
CNB335 Time Management

### Year 4, Semester 2

CNB307 Building Economics and Cost Management  
CNB308 Professional Studies 3  
CNB336 Construction Business Management

### Year 5, Semester 1

CNB409 Professional Practice 1  
CNB433 Dissertation A  
Elective

### Year 5, Semester 2

CNB410 Property Development  
CNB423 Professional Practice 2  
Elective

### Year 6, Semester 1

Elective  
Elective

See list of electives in full-time structure

## Mid-Year Entry

## Full-time Course Structure

### Year 1, Semester 2

CNB107 Construction 2  
CNB108 Building Technology 2  
CNB109 Professional Studies 1  
CNB110 Measurement 1

### Year 1 Semester 1

CNB101 Construction 1  
CNB102 Building Technology 1  
CNB105 Legal and Land Studies  
CNB106 Technical Communications

### Year 2, Semester 2

CNB206 Law 1  
CNB207 Professional Studies 2  
CNB227 Applied Computing  
CNB228 Construction Business Administration

### Year 2, Semester 1

CNB201 Construction 3  
CNB202 Building Technology 3  
CNB203 Building Services  
CNB204 Measurement 2

### Year 3, Semester 2

CNB307 Building Economics and Cost Management  
CNB308 Professional Studies 3  
CNB309 Law 2  
CNB336 Construction Business Management

### Year 3, Semester 1

CNB302 Contract Administration  
CNB303 Construction Business Accounting  
CNB305 Construction Estimating  
CNB335 Time Management

### Year 4, Semester 2

CNB410 Property Development  
CNB423 Professional Practice 2  
Elective  
Elective

### Year 4, Semester 1

CNB409 Professional Practice 1  
CNB433 Dissertation A  
Elective  
Elective

See Electives list in Full-time Course Structure

## ■ Bachelor of Applied Science (Quantity Surveying) (CN53)

**Award title:** Bachelor of Applied Science (Quantity Surveying)

**CRICOS code:** 003500M

**Location:** Gardens Point

**Course duration (full-time):** 4 years or 5.5 years flexible full-time

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Jason Gray

### Special Course Requirements

All students are required to obtain a minimum of 100 days of employment in the final year of the course as a part of the units Professional Practice 1 and Professional Practice 2. Only international students are eligible to complete a portion of their work experience offshore, and in this case students will receive no assistance in gaining work experience.

### Professional Accreditation and Recognition

The course is offered with or without honours. Both the honours and without honours versions of the course are fully accredited by the Australian Institute of Quantity Surveyors and the Singapore Institute of Surveyors and Valuers. The course with honours is fully accredited by the Royal Institution of Chartered Surveyors and the Board of Quantity Surveyors Malaysia (BQSM) (subject to 2004 Accreditation). For students completing the entire course without any advanced standing, the course with honours is also fully accredited by the Hong Kong Institute of Surveyors.

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points. This will not affect the total number of credit points required for course completion, but this will affect professional accreditation and recognition in relation to RICS and SISV. The course coordinator will therefore need to be satisfied that the student fully understands the implications that the minor will have on professional accreditation and recognition before approval to the minor is granted. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Advanced Standing

Up to 4 semesters of advanced standing may be granted, subject to prior learning and qualifications.

Students seeking accreditation from the Hong Kong Institute of Surveyors are not able to accept any advanced standing, and must complete the entire course. In the special case of students who complete the QUT BAppSc Construction Management course and are therefore eligible to enter the final year of the BAppSc Quantity Surveying course, these students will find that their BAppSc Quantity Surveying course is only accredited by the Australian Institute of Quantity Surveyors.

### Electives

Note A: Electives as listed or an approved elective from other QUT courses. Students seeking RICS and SISV accreditation should not enrol in Note A electives but follow the course structure as specified.

### February Entry

#### Full-time Course Structure

##### Year 1, Semester 1

CNB101 Construction 1  
CNB102 Building Technology 1  
CNB105 Legal and Land Studies  
OR Elective  
CNB106 Technical Communications

##### Year 1, Semester 2

CNB107 Construction 2

CNB109 Professional Studies 1  
CNB110 Measurement 1  
CNB120 Economics in the Construction Industry

##### Year 2, Semester 1

CNB201 Construction 3  
CNB203 Building Services  
CNB204 Measurement 2  
CNB209 The Environment and the Quantity Surveyor

##### Year 2, Semester 2

CNB206 Law 1  
CNB207 Professional Studies 2  
CNB208 Construction Business Management  
CNB227 Applied Computing

##### Year 3, Semester 1

CNB302 Contract Administration  
CNB303 Construction Business Accounting  
CNB305 Construction Estimating  
CNB335 Time Management

##### Year 3, Semester 2

CNB307 Building Economics and Cost Management  
CNB308 Professional Studies 3  
CNB309 Law 2  
CNB310 Measurement 3

##### Year 4, Semester 1

CNB409 Professional Practice 1  
CNB433 Dissertation A  
CNB482 Measurement 4  
CNB402 Investment Theory  
OR Elective

##### Year 4, Semester 2

CNB410 Property Development  
OR Elective  
CNB423 Professional Practice 2  
CNB434 Dissertation B  
Elective

### Electives, Semester 1

CNB408 Advanced Building and Civil Construction  
CNB481 Construction Dispute Management  
CNB483 Smart and Sustainable Construction  
OR an approved elective from other QUT courses

### Electives, Semester 2

CNB420 Current Construction Issues  
CNB424 Specialist Measurement  
CNB425 International Construction  
OR an approved elective from other QUT courses

**Note:** CNB424 and CNB408 are core units for Malaysian students seeking BQSM accreditation

### July Entry

#### Full-time Course Structure

##### Year 1, Semester 2

CNB120 Economics in the Construction Industry  
CNB206 Law 1  
CNB208 Construction Business Management  
CNB309 Law 2

##### Year 2, Semester 1

CNB101 Construction 1  
CNB102 Building Technology 1  
CNB106 Technical Communications  
CNB209 The Environment and the Quantity Surveyor

##### Year 2, Semester 2

CNB107 Construction 2  
CNB109 Professional Studies 1  
CNB110 Measurement 1  
CNB227 Applied Computing

##### Year 3, Semester 1

CNB105 Legal and Land Studies  
or Elective  
CNB201 Construction 3  
CNB203 Building Services  
CNB204 Measurement 2

##### Year 3, Semester 2

CNB207 Professional Studies 2  
CNB307 Building Economics and Cost Management  
CNB310 Measurement 3  
CNB410 Property Development  
Or Elective

#### Year 4, Semester 1

CNB302	Contract Administration
CNB305	Construction Estimating
CNB409	Professional Practice 1
CNB433	Dissertation A

#### Year 4, Semester 2

CNB308	Professional Studies 3
CNB423	Professional Practice 2
CNB434	Dissertation B
	Elective

#### Year 5, Semester 1

CNB303	Construction Business Accounting
CNB335	Time Management
CNB402	Investment Theory
Or	Elective
CNB482	Measurement 4

**Electives:** For Electives list check February course structure

#### February Entry

#### Flexible Mode Course Structure

##### Year 1, Semester 1

CNB101	Construction 1
CNB102	Building Technology 1
CNB106	Technical Communications

##### Year 1, Semester 2

CNB107	Construction 2
CNB110	Measurement 1
CNB120	Economics in the Construction Industry

##### Year 2, Semester 1

CNB105	Legal and Land Studies
OR	Elective
CNB201	Construction 3
CNB209	The Environment and the Quantity Surveyor

##### Year 2, Semester 2

CNB109	Professional Studies 1
CNB206	Law 1
CNB227	Applied Computing

##### Year 3, Semester 1

CNB203	Building Services
CNB204	Measurement 2
CNB302	Contract Administration

##### Year 3, Semester 2

CNB207	Professional Studies 2
CNB208	Construction Business Management
CNB309	Law 2

##### Year 4, Semester 1

CNB303	Construction Business Accounting
CNB305	Construction Estimating
CNB335	Time Management

##### Year 4, Semester 2

CNB307	Building Economics and Cost Management
CNB308	Professional Studies 3
CNB310	Measurement 3

##### Year 5, Semester 1

CNB409	Professional Practice 1
CNB482	Measurement 4
CNB433	Dissertation A

##### Year 5, Semester 2

CNB410	Property Development
or	Elective
CNB423	Professional Practice 2
CNB434	Dissertation B

##### Year 6, Semester 1

CNB402	Investment Theory
Or	Elective
	Elective

**Electives:** See Electives list in full-time structure.

## ■ Bachelor of Architecture (AR48)

**Award title:** Bachelor of Architecture

**CRICOS code:** 052308E

**Location:** Gardens Point

**Course duration (full-time):** 5 years full-time or 6 years flexible full-time

**Total credit points:** 480

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Nur Demirbilek

#### International Students Course Structure - 6 years

International students enrol in the Full-time Course Structure for years 1 - 3 and the flexible full time structure for years 4 - 6. Prior to entering year 4, students may seek approval from the course coordinator to enrol in the Full-time Course Structure allowing them to complete in 5 years. To be eligible for the Full-time Course Structure (years 4-5), students must have completed 20 recognised weeks of approved employment which will be credited to the requirements of the unit Practical Experience B."

#### Early Exit Option

Students may elect to complete their studies after three years full-time (288 credit points). Students who select this option will graduate with The Bachelor of Built Environment (Architectural Studies), which is a pre-professional degree in architecture.

#### Professional Recognition

Graduates of the Bachelor of Architecture degree meet the academic requirements for membership of the Royal Australian Institute of Architects and, following one year of post-graduate architectural experience, are eligible to undertake the registration examinations of the Board of Architects of Queensland.

#### Special course requirements

A Bachelor of Architecture student must be engaged in approved employment for at least 72 recognised weeks within the last 2-3 years of the course (ADB796 Practice Experience B). Prior to entering Year 4 Semester 1 students enrolled in the Full-time Course Structure, must have completed 20 recognised weeks of approved employment which will be credited to the requirements of Practice Experience B. Students enrolled in the flexible Full-time Course Structure must be engaged in approved employment for at least 48 recognised weeks within the first 3 years of the course (ADB795 Practice Experience A).

#### Full-time Course Structure

##### Year 1, Semester 1

ADB001	Architectural Design 1
ADB911	Human Environment 1
ADB921	Technology and Science Foundation
ADB061	Architectural Applications 1

##### Year 1, Semester 2

ADB002	Architectural Design 2
ADB931	Introduction to History, Theory and Criticism
ADB021	Technology and Science 1
ADB062	Architectural Applications 2

##### Year 2, Semester 1

ADB003	Architectural Design 3
ADB011	Contextual Studies 1
ADB022	Technology and Science 2
ADB063	Architectural Applications 3

##### Year 2, Semester 2

ADB004	Architectural Design 4
ADB023	Technology and Science 3
ADB941	Elective 1
ADB064	Architectural Applications 4

##### Year 3, Semester 1

ADB005	Architectural Design 5
ADB913	Human Environment 3
ADB024	Technology and Science 4
ADB065	Architectural Applications 5

##### Year 3, Semester 2

ADB006	Architectural Design 6
ADB012	Contextual Studies 2
ADB066	Architectural Applications 6
ADB942	Elective 2

**Note:** Prior to entering Year 4 Semester 1 in the Full-time Course Structure, students must have completed 20 recognised weeks of approved employment which will be credited to the requirements of Practice Experience B.

##### Year 4, Semester 1

ADB007	Architectural Design 7
ADB013	Contextual Studies 3
ADB025	Technology and Science 5

ADB943 Elective 3

**Year 4, Semester 2**

ADB008 Architectural Design 8  
ADB026 Technology and Science 6  
ADB031 Professional Studies 1  
ADB051 Architectural Research 1

**Year 5, Semester 1**

ADB009 Architectural Design 9  
ADB932 Professional Studies 2  
ARB052 Architectural Research 1  
ADB067 Elective Architectural Applications

**Year 5, Semester 2**

ADB014 Contextual Studies 4  
ADB033 Professional Studies 3  
ADB053 Architectural Project  
ADB944 Elective 4  
ADB796 Practice Experience B

**Special Course Notes**

- 1 Students must complete all units in the Years 1, 2 & 3 prior to enrolling in any unit in the Year 4 schedule of AR48. The course coordinator may consider cases of special hardship.
- 2 Students must meet pre-requisites in all subjects.
- 3 Students who have not completed 20 recognised weeks of approved employment at the end of year 3 should consult with the course coordinator regarding their 4th year enrolment program.
- 4 Late penalties for late assignments apply.
- 5 Course will involve compulsory field work within some units.

**Flexible Full-time Course Structure**

**Year 1, Semester 1**

ADB001 Architectural Design 1  
ADB911 Human Environment 1  
ADB921 Technology and Science Foundation

**Year 2, Semester 1**

ADB002 Architectural Design 2  
ADB931 Introduction to History, Theory and Criticism  
ADB021 Technology and Science 1

**Year 2, Semester 2**

ADB003 Architectural Design 3  
ADB011 Contextual Studies 1  
ADB022 Technology and Science 2

**Year 2, Semester 2**

ADB004 Architectural Design 4  
ADB023 Technology and Science 3

**Year 3, Semester 1**

ADB005 Architectural Design 5  
ADB913 Human Environment 3  
ADB024 Technology and Science 4

**Year 3, Semester 2**

ADB006 Architectural Design 6  
ADB012 Contextual Studies 2  
ADB795 Practice Experience A

**New and continuing students**

**Year 4, Semester 1**

ADB007 Architectural Design 7  
ADB013 Contextual Studies 3  
ADB025 Technology and Science 5

**Year 4, Semester 2**

ADB008 Architectural Design 8  
ADB026 Technology and Science 6  
ADB031 Professional Studies 1

**Year 5, Semester 1**

ADB009 Architectural Design 9  
ADB932 Professional Studies 2

**Year 5, Semester 2**

ADB014 Contextual Studies 4  
ADB051 Architectural Research 1  
ADB943 Elective 3

**Year 6, Semester 1**

ADB067 Elective Architectural Applications  
ADB052 Architectural Research 2  
ADB944 Elective 4

**Year 6, Semester 2**

ADB053 Architectural Project  
ADB033 Professional Studies 3  
ADB796 Practice Experience B

**Special Course Notes**

- 1 Students must complete all units in the Years 1, 2 and 3 prior to enrolling in any unit in the Year 4 schedule of AR48. The course coordinator may consider cases of special hardship.
- 2 Students must meet pre-requisites in all subjects.
- 3 Penalties for late assignments apply.
- 4 Course will involve compulsory field work within some units.
- 5 Students currently enrolled in BN31 cannot transfer to AR48 in years 2 & 3.
- 6 Acceptance into the flexible full-time mode requires approval of the course coordinator and by providing evidence of employment in an Architects office.

**■ Bachelor of Built Environment (Industrial Design) (BN31)**

**Award title:** Bachelor of Built Environment (Industrial Design)

**CRICOS code:** 003507D

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Vesna Popovic

**Other Majors**

See also entries for the following majors in this course: Interior Design, Landscape Architecture, and Urban and Regional Planning.

**Professional Recognition**

Graduates of the Bachelor of Built Environment (Industrial Design) who go on to complete the Graduate Diploma in Industrial Design are eligible for associate membership of the Design Institute of Australia. QUT is an Educational Member of the International Council of Societies of Industrial Design (ICSID).

**Minors**

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

**Course Structure**

**Year 1, Semester 1**

ADB911 Human Environment 1  
ADB201 Introductory Industrial Design 1  
ADB921 Technology and Science Foundation  
ADB241 Industrial Design Applications

**Year 1, Semester 2**

ADB212 Ergonomics for Industrial Designers  
ADB931 Introduction to History, Theory and Criticism  
ADB202 Introductory Industrial Design 2  
ADB232 Design Technology and Society

**Year 2, Semester 1**

ADB912 Human Environment 2  
ADB203 Industrial Design 1  
ADB233 Manufacturing Technology 1  
ADB941 Elective 1

**Year 2, Semester 2**

ADB224 Industrial Design History Theory and Criticism 1  
ADB204 Industrial Design 2  
ADB234 Manufacturing Technology 2  
ADB244 Computer Aided Industrial Design 1

**Year 3, Semester 1**

ADB913 Human Environment 3  
ADB205 Industrial Design 3  
ADB235 Manufacturing Technology 3  
ADB245 Computer Aided Industrial Design 2

**Year 3, Semester 2**

ADB226 Industrial Design History Theory and Criticism 2  
ADB206 Industrial Design 4  
ADB236 Manufacturing Technology 4

ADB942 Elective 2

## ■ Bachelor of Built Environment (Interior Design) (BN31)

**Award title:** Bachelor of Built Environment (Interior Design)

**CRICOS code:** 003507D

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Diane Smith

### Other Majors

See also entries for the following majors in this course: Industrial Design, Landscape Architecture, and Urban and Regional Planning.

### Professional Recognition

Successful completion of the Bachelor of Built Environment (Interior Design) satisfies the requirements for entry into the Graduate Diploma in Interior Design. Together the courses are recognised by the Design Institute of Australia as meeting the basic requirements for professional practice.

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Course Structure

#### Year 1, Semester 1

ADB101 Interior Design 1  
ADB911 Human Environment 1  
ADB921 Technology and Science Foundation  
ADB151 Drawing as Communication

#### Year 1, Semester 2

ADB102 Interior Design 2  
ADB122 Interior Technology 1  
ADB931 Introduction to History, Theory and Criticism  
ADB152 Light and Colour Studies

#### Year 2, Semester 1

ADB103 Interior Design 3  
ADB912 Human Environment 2  
ADB123 Interior Technology 2  
ADB941 Elective 1

#### Year 2, Semester 2

ADB104 Interior Design 4  
ADB124 Interior Technology 3  
ADB132 Design in Society 1  
ADB153 Material Studies

#### Year 3, Semester 1

ADB105 Interior Design 5  
ADB913 Human Environment 3  
ADB125 Interior Technology 4  
ADB133 Design in Society 2

#### Year 3, Semester 2

ADB106 Interior Design 6  
ADB126 Interior Technology 5  
ADB154 Furniture Studies  
ADB942 Elective 2

## ■ Bachelor of Built Environment (Landscape Architecture) (BN31)

**Award title:** Bachelor of Built Environment (Landscape Architecture)

**CRICOS code:** 003507D

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Delwynn Poulton

### Other Majors

See also entries for the following majors in this course: Interior Design, Industrial Design, and Urban and Regional Planning.

### Professional Recognition

Successful performance in the Bachelor of Built Environment (Landscape Architecture) enables students to gain entry to the Graduate Diploma/Master courses. The Graduate Diploma in Landscape Architecture is the only course of its kind in Queensland, and is accredited by the Australian Institute of Landscape Architects (AILA). Graduates from the Graduate Diploma or Master of Landscape Architecture are recognised in New Zealand and Hong Kong and overseas generally through their AILA membership.

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Course Structure

#### Year 1, Semester 1

PSB411 Planning/Landscape Design 1  
PSB413 Graphics  
PSB414 Professional Skills 1  
PSB415 Contemporary Landscape Design

#### Year 1, Semester 2

PSB417 Manual/Digital Graphics  
PSB421 Planning/Landscape Design 2  
PSB423 Group Dynamics  
PSB432 History of Built Environment

#### Year 2, Semester 1

PSP263 Landscape Ecology  
PSP264 Spatial Design Theory  
PSB431 Planning/Landscape Design 3  
PSB610 Government and Law

#### Year 2, Semester 2

PSB441 Planning/Landscape Design 4  
PSB442 Plant Studies (L'scape Only)  
PSB443 Population and Urban Studies  
PSB613 Land Development Principles and Policies

#### Year 3, Semester 1

PSB416 Research and Criticism  
PSB434 Landscape Construction A (L'scape Only)  
PSB451 Planning/Landscape Design 5  
PSB453 Elective 1

#### Year 3, Semester 2

PSB444 Landscape Construction B (L'scape Only)  
PSB461 Planning/Landscape Design 6  
PSB462 Conservation and Management  
PSB463 Elective 2

## ■ Bachelor of Built Environment (Urban and Regional Planning) (BN31)

**Award title:** Bachelor of Built Environment (Urban and Regional Planning)

**CRICOS code:** 003507D

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Bhishna Bajracharya

### Other Majors

See also entries for the following majors in this course: Interior Design, Industrial Design, and Landscape Architecture.

## Professional Recognition

Successful completion of the Bachelor of Built Environment (Urban and Regional Planning) enables students to gain entry to the Graduate Diploma/Masters in Urban and Regional Planning, which are both fully accredited by the Planning Institute of Australia (PIA).

## Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the another study area, that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

## Course Structure

### Year 1, Semester 1

PSB411	Planning/Landscape Design 1
PSB412	Computer Skills
PSB413	Graphics
PSB414	Professional Skills 1

### Year 1, Semester 2

PSB421	Planning/Landscape Design 2
PSB422	Environmental Science
PSB423	Group Dynamics
PSB424	Land Science

### Year 2, Semester 1

PSB431	Planning/Landscape Design 3
PSB432	History of Built Environment
PSB433	Planning Processes (URP Only)
PSB435	Social and Cultural Relations

### Year 2, Semester 2

PSB441	Planning/Landscape Design 4
PSB443	Population and Urban Studies
PSB445	Infrastructure Planning (URP Only)
PSB611	Introduction to Urban and Regional Economics

### Year 3, Semester 1

PSB451	Planning/Landscape Design 5
PSB452	Professional Skills 2
PSB453	Elective 1
PSB610	Government and Law

### Year 3, Semester 2

PSB461	Planning/Landscape Design 6
PSB462	Conservation and Management
PSB463	Elective 2
PSB613	Land Development Principles and Policies

## ■ Bachelor of Engineering - Dean's Scholars Program

**Location:** Gardens Point

**Course duration (full-time):** BEng 3.5 years, BEng/MEngSc 4-4.5 years

**Total credit points:** BE 384, BE/MEngSc 456

**Course coordinator:** CE44 & CE46 - Dr Martin Murray, EE41- Dr Duncan Campbell, ME41- Dr Peter Ridley, EE46&EE47 Dr Vinod Chandran, ME40 Dr Yarlagaadda, ME48 TBA.

## Special Course Requirements

Students enrolled in the Dean's Scholars program must maintain a GPA of 5.5 throughout their course. For a copy of the program rules and regulations please contact the Faculty Office or [www.bee.qut.edu.au/bee/scholarships](http://www.bee.qut.edu.au/bee/scholarships)

Students must complete at least 60 days of industrial experience in order to graduate.

## Civil

### Year 1, Semester 1

CEB109	Engineering Mechanics 1
MMB131	Engineering Materials
CEB213	Environmental Science
MAB131	Engineering Mathematics 1A, or
MAB180	Engineering Mathematics 1

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

### Year 1, Semester 2

BNB007	Professional Studies 1
CEB110	Engineering Mechanics 2
EEB112	Electrical and Computer Engineering 1
PCB136	Engineering Physics 1C

### Year 1 - Summer Program

CEB217	Hydraulic Engineering 1
MAB132	Engineering Mathematics 1B

### Year 2, Semester 1

CEB207	Professional Studies 2 (Timber Structures & Earthworks)
CEB208	Materials Science
CEB209	Geotechnical Engineering 1
CEB317	Professional Studies 4 (Project Documentation & Roads)
CEB319	Water Engineering

### Year 2, Semester 2

CEB214	Professional Studies 3 (Environmental & Transport)
CEB215	Structural Engineering 1
CEB216	Project Engineering 1
CEB321	Water and Wastewater Treatment
CEB322	Geotechnical Engineering 2

### Year 3, Semester 1

CEB318	Structural Engineering 2
CEB412	Project Engineering 2
CEB424	Professional Studies 6 (Concrete Structures & Geotechnical Engineering)

MAB138 Engineering Statistics and Numerical Methods

### Year 3, Semester 2

CEB323	Transport Engineering 1
CEB329	Professional Studies 5 (Steel Design & Construction)
CEB413	Structural Engineering 3
CEB425	Professional Studies 7 (Civil Design Project)

### Year 3 - Summer Program

CEB411	Thesis Project A
	Master of Engineering Science unit

### Year 4, Semester 1

CEB415	Thesis Project B
	Master of Engineering Science unit
	Master of Engineering Science unit
	Master of Engineering Science unit

### Year 4, Semester 2

CEP997-1	Project
CEP997-2	Project
	Master of Engineering Science unit
	Master of Engineering Science unit

Students must complete 60 days industrial experience before graduating. There may be minor variations in the program as CEB209 and CEB217 are offered in alternate Summer program.

**Electives:** See Master of Engineering Science units under CE74 course structure.

## Environmental Management

### Year 1, Semester 1

CEB109	Engineering Mechanics 1
MAB131	Engineering Mathematics 1A, or
MAB180	Engineering Mathematics 1
MMB131	Engineering Materials
CEB213	Environmental Science

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

### Year 1, Semester 2

BNB007	Professional Studies 1
CEB110	Engineering Mechanics 2
EEB112	Electrical and Computer Engineering 1
PCB136	Engineering Physics 1C

### Year 1, Summer

CEB217	Hydraulic Engineering 1
MAB132	Engineering Mathematics 1B

### Year 2, Semester 1

CEB207	Professional Studies 2 (Timber Structures & Earthworks)
CEB230	Engineering Materials and the Environment
CEB232	Geotechnical Engineering 1 and the Environment
CEB317	Professional Studies 4 (Project Documentation & Roads)
CEB319	Water Engineering



**Year 2, Semester 2**

CEB233	Environmental Professional Studies 3 (Impacts of Projects and Sustainable Development)
CEB215	Structural Engineering 1
CEB321	Water and Wastewater Treatment
CEB322	Geotechnical Engineering 2
PSB435	Social and Cultural Relations

**Year 3, Semester 1**

CEB416	Environmental Law and Assessment
CEB419	Environmental Transport & Infrastructure Management
CEB523	Environmental Geotechnology
MAB138	Engineering Statistics and Numerical Methods

**Year 3, Semester 2**

CEB330	Environmental Management for Engineers
CEB418	Waste Resource Management
CEB426	Environmental Professional Studies (Civil Project)
PSB443	Population and Urban Studies

**Year 3 - Summer**

CEB420	Environmental Thesis A Master of Engineering Science unit
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**Year 4, Semester 1**

CEB415	Thesis Project B
PSP453	Urban Systems and the Physical Environment
PSP501	Environmental Planning and Assessment Master of Engineering Science unit

**Year 4, Semester 2**

CEP997-1	Project B
CEP997-2	Project B Master of Engineering Science unit Master of Engineering Science unit

**Electives:** See Master of Engineering Science units under CE74 Course Structure

**Electrical and Computer Engineering**

**Year 1, Semester 1**

CEB109	Engineering Mechanics 1
EEB112	Electrical and Computer Engineering 1
PCB136	Engineering Physics 1C
MAB180	Engineering Mathematics 1, or
MAB131	Engineering Mathematics 1A

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

**Year 1, Semester 2**

BNB007	Professional Studies 1
EEB212	Electrical and Computer Engineering 2
MAB132	Engineering Mathematics 1B
MMB131	Engineering Materials

**Year 2, Semester 1**

EEB311	Electrical Measurement and Machines
EEB312	Analog and Digital Electronics
EEB340	Introduction to Telecommunications
MAB134	Electrical Engineering Mathematics 3

**Year 2, Semester 2**

EEB411	Classical Control and Power Systems
EEB412	Advanced Electronics and Embedded Systems
EEB440	Classical Signal Processing
MAB135	Electrical Engineering Mathematics 4

**Year 2 - Summer Program**

EEB584	Introduction to Design
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**Year 3, Semester 1**

EEB511	Modern Control and Power Electronics
EEB512	Industrial Electronics and Digital Design
EEB560	Digital Communications General Elective
EEB781	Professional Studies 2

**Year 3, Semester 2**

EEB612	Software Systems Design
EEB641	Fields Transmission and Propagation
EEB684	Advanced Design
EEB640	Digital Signal Processing, or
EEB650	Power Systems Analysis Master of Engineering Science unit

**Year 3 - Summer Program**

EEB889-1	Project
EEB889-2	Project

**Year 4, Semester 1**

Elective unit
Elective unit

Master of Engineering Science unit  
Master of Engineering Science unit

EEP301-1	Project
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**Year 4, Semester 2**

Master of Engineering Science unit  
Master of Engineering Science unit  
Master of Engineering Science unit

EEP301-2	Project
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**Electives:** See list under EE41 Course Structure

**Computer Systems**

**Year 1, Semester 1**

ITB111	Software Development 1
ITB114	Networking Systems
PCB136	Engineering Physics 1C
MAB180	Engineering Mathematics 1, or
MAB131	Engineering Mathematics 1A

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

**Year 1, Semester 2**

BNB007	Professional Studies 1
EEB213	Electrical Circuits and Measurements
ITB112	Software Development 2
MAB132	Engineering Mathematics 1B

**Year 2, Semester 1**

EEB312	Analog and Digital Electronics
EEB340	Introduction to Telecommunications
MAB139	Computer Engineering Mathematics 3
ITB610	Software Development 3

**Year 2, Semester 2**

EEB412	Advanced Electronics and Embedded Systems
EEB440	Classical Signal Processing
ITB611	Object Technology
ITB616	Computer Architecture

**Year 2 - Summer Program**

EEB584	Introduction to Design
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**Year 3, Semester 1**

EEB512	Industrial Electronics and Digital Design
EEB560	Digital Communications
EEB566	Real-Time Computer-Based Systems
EEB781	Professional Studies 2

**Year 3, Semester 2**

EEB612	Software Systems Design
EEB640	Digital Signal Processing
EEB666	Communication Environments for Embedded Systems
EEB684	Advanced Design Master of Engineering Science Unit 1

**Year 3 - Summer**

EEB889-1	Project
EEB889-2	Project

**Year 4, Semester 1**

Elective Unit 1  
Elective Unit 2  
Master of Engineering Science Unit 2

Units contributing to the undergraduate program are completed at this point. The remaining units complete the Masters component of the program.

Master of Engineering Science Unit 3

EEP301-1	Project
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**Year 4, Semester 2**

Master of Engineering Science Unit 4  
Master of Engineering Science Unit 5  
Master of Engineering Science Unit 6

EEP301-2	Project
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**Electives:** See list under EE46 course structure

**Master of Engineering Science Units**

**Semester 1**

EEP101	Algorithms for Control and Engineering
EEP102	Unix and C for Engineers
EEP103	Computer Hardware and Interfacing
EEP124	Data Communications
EEP137	Advanced Topic A

**Semester 2**

EEP104	Real-Time Operating Systems
EEP120	Networks and Distributed Computing
EEP123	Process Control and Robotics
EEP127	Advanced Topic B
EEP128	Detection and Estimation

EEP129 Image Processing and Computer Vision

## Telecommunications

### Year 1, Semester 1

ITB111 Software Development 1  
ITB114 Networking Systems  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A  
MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C (or equivalent).

### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB213 Electrical Circuits and Measurements  
ITB112 Software Development 2  
MAB132 Engineering Mathematics 1B

### Year 2, Semester 1

EEB312 Analog and Digital Electronics  
EEB340 Introduction to Telecommunications  
MAB134 Electrical Engineering Mathematics 3  
ITB610 Software Development 3  
General Elective

### Year 2, Semester 2

EEB412 Advanced Electronics and Embedded Systems  
EEB440 Classical Signal Processing  
ITB611 Object Technology  
MAB135 Electrical Engineering Mathematics 4

### Year 2 - Summer Program

EEB584 Introduction to Design

### Year 3, Semester 1

EEB560 Digital Communications  
EEB781 Professional Studies 2  
ITB624 Internetworking  
Elective Unit 1

### Year 3, Semester 2

EEB640 Digital Signal Processing  
EEB641 Fields Transmission and Propagation  
EEB684 Advanced Design  
EEB960 Wireless Communications  
ITB627 Network Technologies

### Year 3 - Summer

EEB889-1 Project  
EEB889-2 Project

### Year 4, Semester 1

EEB766 Communication Technologies  
Master of Engineering Science Unit 1  
Master of Engineering Science Unit 2

Units contributing to the undergraduate program are completed at this point. The remaining units complete the Masters component of the program.

Master of Engineering Science Unit 3  
EEP301-1 Project

### Year 4, Semester 2

Master of Engineering Science Unit 4  
Master of Engineering Science Unit 5  
Master of Engineering Science Unit 6  
EEP301-2 Project

### Master of Engineering Science Units

#### Semester 1

EEP101 Algorithms for Control and Engineering  
EEP102 Unix and C for Engineers  
EEP103 Computer Hardware and Interfacing  
EEP124 Data Communications  
EEP137 Advanced Topic A

#### Semester 2

EEP104 Real-Time Operating Systems  
EEP120 Networks and Distributed Computing  
EEP123 Process Control and Robotics  
EEP127 Advanced Topic B  
EEP128 Detection and Estimation  
EEP129 Image Processing and Computer Vision

## Infomechatronics

### Year 1, Semester 1

CEB109 Engineering Mechanics 1  
ITB849 Introduction To Technical Computing  
MAB131 Engineering Mathematics 1A  
PCB136 Engineering Physics 1C

### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB213 Electrical Circuits and Measurements  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics

### Year 2, Semester 1

EEB311 Electrical Measurement and Machines  
EEB312 Analog and Digital Electronics  
ITB851 Advanced Technical Computing  
MAB134 Electrical Engineering Mathematics 3  
MMB131 Engineering Materials

### Year 2, Semester 2

EEB411 Classical Control and Power Systems  
EEB412 Advanced Electronics and Embedded Systems  
MAB135 Electrical Engineering Mathematics 4  
MMB252 Thermofluids

### Year 3, Semester 1

MMB211 Mechanics 1  
MMB371 Manufacturing Processes  
MMB478 Mechatronics Systems Design  
MEN101 Research Methodology

### Year 3, Semester 2

ITB427 Concurrent And Distributed Systems  
ITB650 Computational Intelligence  
MMB212 Mechanics 2  
MMB374 Design for Manufacturing 1  
MMB476 Operations Management

### Year 3 - Summer Program

BSB115 Management, People and Organisations  
MEN103 Mechanical Engineering Specialised Unit 1  
1 Masters unit from Band 1 or 2

### Year 4, Semester 1

EEB521 Digital Systems and Control  
MMB004 Infomechatronics Project

### Year 4, Semester 2

MEN190 Project 1/2  
MEN102 Advanced Mechanical Engineering Studies  
2 Masters units from Band 1 or 2

### Band 1 Masters units

1 unit is to be chosen from the range of Band 1 units

### Band 1 units, Semester 1

CEP291 Environmental Law and Assessment  
CEP294 Engineering Contract Development and Administration  
EEP101 Algorithms for Control and Engineering  
EEP102 Unix and C for Engineers  
EEP103 Computer Hardware and Interfacing

### Band 1 units, Semester 2

CEP141 Studies in Environmental Engineering  
CEP201 Process Modelling  
CEP295 Civil Engineering Management in a Project Environment  
EEP129 Image Processing and Computer Vision

### Band 1 units, Block mode#

MEN280 Engineering Project Management  
MEN172 Cost Analysis and Asset Management  
MEN170 Systems Modelling and Simulation

### Band 2 Masters units

3 units are to be chosen from the range of Band 2 units

### Band 2 units, Block mode#

MEN177 Total Quality Management  
MEN171 Advanced Manufacturing Technologies  
MEN241 Reliability and Maintenance Management  
MEN273 Engineering Knowledge Management  
MEN175 Energy and Environmental Management  
MEN272 Enterprise Resource Planning

### Band 2 units, Semester 1, 2 or 3

MEN103 Mechanical Engineering Specialised Unit 1  
MEN104 Mechanical Engineering Specialised Unit 2  
MEN105 Mechanical Engineering Specialised Unit 3

Students must consult with the course coordinator before enrolling in MEN103, 104 or 105.

### #Block mode

Block mode classes are held in teaching periods (eg. 5TP1), instead of semesters, which run consecutively for 5 weeks at a time. Classes are held on Tuesday and Thursday from 4pm to 8pm, and Saturday from 9am to 5pm in the first two weeks of a teaching period.

Teaching periods for above block mode units are as follows: 5TP1 commencing January - MEN177; 5TP2 commencing February - MEN171; 5TP3 commencing March - MEN241; 5TP4 commencing April - MEN280; 5TP5 commencing June - MEN273; 5TP6 commencing July -

MEN172; 5TP7 commencing September - MEN175; 5TP8 commencing October - MEN170; 5TP9 commencing November - MEN272

## Mechanical

### Year 1, Semester 1

CEB109 Engineering Mechanics 1  
MAB131 Engineering Mathematics 1A  
MMB131 Engineering Materials  
PCB136 Engineering Physics 1C

### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB112 Electrical and Computer Engineering 1  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics

### Year 2, Semester 1

EEB220 Electrical Engineering 2M  
MAB133 Engineering Mathematics 2  
MMB211 Mechanics 1  
MMB281 Fundamentals of Mechanical Design  
MMB371 Manufacturing Processes

### Year 2, Semester 2

MAB136 Engineering Statistics  
MMB212 Mechanics 2  
MMB232 Materials Technology  
MMB252 Thermofluids

### Year 3, Semester 1

MMB311 Mechanics 3  
MMB352 Fluid Mechanics  
MMB381 Design of Mechanical Components and Machines  
MEN101 Research Methodology  
Group B or C elective

### Year 3, Semester 2

MMB351 Thermodynamics  
MMB382 Design and Maintenance of Machinery  
Group A elective  
Group B or C elective

### Year 3 - Summer Program

BSB115 Management, People and Organisations  
MMB401-1 Project  
1 Masters unit from Band 1 or 2

### Year 4, Semester 1

MMB401-2 Project  
2 Masters units from Band 1 or 2

### Year 4, Semester 2

MEN190 Project 1/2  
MEN102 Advanced Mechanical Engineering Studies  
1 Masters units from Band 1 or 2

### Masters units

See list under ME40 Infomechatronics Dean's Scholars Course Structure

## Medical

### Year 1, Semester 1

LSB142 Human Anatomy and Physiology  
MAB131 Engineering Mathematics 1A  
MMB191 Introduction to Engineering in the Medical Environment  
PCB136 Engineering Physics 1C

### Year 1, Semester 2

CEB109 Engineering Mechanics 1  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics  
MMB131 Engineering Materials

### Year 2, Semester 1

HMB274 Functional Anatomy  
MAB133 Engineering Mathematics 2  
MMB211 Mechanics 1  
MMB281 Fundamentals of Mechanical Design  
MMB371 Manufacturing Processes

### Year 2, Semester 2

EEB112 Electrical and Computer Engineering 1  
MAB136 Engineering Statistics  
MMB252 Thermofluids  
MMB292 Biomaterials  
even years only, or  
MMB362 Biofluids  
odd years only

### Year 3, Semester 1

EEB220 Electrical Engineering 2M  
MMB311 Mechanics 3  
MMB391 Biomechanical Engineering Systems

MMB470 Engineering Asset Management and Maintenance  
MEN101 Research Methodology

### Year 3, Semester 2

MMB292 Biomaterials  
even years only, or  
MMB362 Biofluids  
odd years only  
MMB492 Health Legislation and the Medical Environment  
MMB492 Health Legislation and the Medical Environment  
PCB605 Biomedical Instrumentation

### Year 3 - Summer Program

BSB115 Management, People and Organisations  
MMB409-1 Project  
1 Masters unit from Band 1 or 2

### Year 4, Semester 1

MMB409-2 Project  
2 Masters units from Band 1 or 2

### Year 4, Semester 2

MEN190 Project  
MEN102 Advanced Mechanical Engineering Studies  
1 Masters units from Band 1 or 2

### Masters units

See list under ME40 Infomechatronics Dean's Scholars Course Structure.

## ■ Bachelor of Engineering (Aerospace Avionics) (EE48)

**Award title:** Bachelor of Engineering (Aerospace Avionics)

**CRICOS code:** 037543G

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Werner Enderle

### Professional Recognition

This degree meets the requirements for membership of Engineers Australia and the Institution of Radio and Electronics Engineers Australia. It is also professionally recognised by many international professional institutions.

### Minors

Subject to the approval of the course coordinator, students in this course may gain a minor in Systems Engineering by choosing the same group project through the Aerospace Design units and the final year project providing they comply with Systems Engineering principles.

### Optional Pathway

Subject to normal course entry rules students may transfer internally from the QUT Bachelor of Engineering (Electrical and Computer Engineering) course to this degree after the completion of the first year full-time if they have obtained a sufficiently high grade point average that will meet the course cut-off for that year.

### Articulation to Masters

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

### Full-time Course Structure

#### Year 1, Semester 1

EEB112 Electrical and Computer Engineering 1  
EEB130 Introduction to Avionics  
PCB136 Engineering Physics 1C  
MAB131 Engineering Mathematics 1A, or  
MAB180 Engineering Mathematics 1

#### Year 1, Semester 2

BNB007 Professional Studies 1  
CEB109 Engineering Mechanics 1  
EEB212 Electrical and Computer Engineering 2

MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**

EEB312 Analog and Digital Electronics

EEB340 Introduction to Telecommunications

MAB134 Electrical Engineering Mathematics 3

MMB251 Aerodynamic Principles

**Year 2, Semester 2**

EEB412 Advanced Electronics and Embedded Systems

EEB431 Aircraft Systems and Flight Control

EEB440 Classical Signal Processing

MAB135 Electrical Engineering Mathematics 4

**Year 3, Semester 1**

EEB512 Industrial Electronics and Digital Design

EEB535 Modern Flight Control Systems

EEB560 Digital Communications

EEB585 Systems Engineering Design

**Year 3, Semester 2**

EEB612 Software Systems Design

EEB640 Digital Signal Processing

EEB641 Fields Transmission and Propagation

EEB685 Advanced Systems Design

**Year 4, Semester 1**

EEB732 Space Technology

EEB781 Professional Studies 2

EEB782-1 Systems Project

Elective Unit 1

**Year 4, Semester 2**

EEB782-2 Systems Project

EEB833 Spacecraft Guidance and Navigation

EEB835 Navigation Systems for Aircraft

Elective Unit 2

Students in this course must complete 60 days industrial experience before graduating. An additional 10 days specialist industrial experience must be obtained in the aerospace avionics industry.

**Electives**

EEB760 Aerospace Radio and Radar Systems

EEB831 Military Combat Electronics

EEB904 Advanced Topics in Electrical Engineering A

EEB905 Advanced Topics in Electrical Engineering B

EEB941 Modern Signal Processing

EEB960 Wireless Communications

EEB961 RF and Applied Electromagnetics

EEB976 Advanced Industrial Electronics

EEB992 VLSI Circuits and Systems

PCB469 Astrophysics 1

General Elective or a language

At the discretion of the course coordinator, students may be allowed to select an elective from any advanced topics offered by the University.

## ■ Bachelor of Engineering (Civil and Environmental Management) (CE46)

**Award title:** Bachelor of Engineering (Civil and Environmental Management)

**CRICOS code:** 040310K

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 6-8 years

**Total credit points:** 384

**Course coordinator:** Dr Martin Murray

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points.

This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Civil and Environmental Management) must obtain at least 60 days of industrial experience/practice in an engineering environment approved by the course coordinator.

### Course Structure

### Year 1, Semester 1

CEB109 Engineering Mechanics 1

CEB213 Environmental Science

MMB131 Engineering Materials

MAB180 Engineering Mathematics 1, or

MAB131 Engineering Mathematics 1A

**Note:** MAB180 students must have Maths B. MAB131 - students must have Maths C.

Students who do not have SA in Maths B please consult School Admin Officer.

### Year 1, Semester 2

BNB007 Professional Studies 1

CEB110 Engineering Mechanics 2

EEB112 Electrical and Computer Engineering 1

MAB132 Engineering Mathematics 1B

### Year 2, Semester 1

CEB207 Professional Studies 2 (Timber Structures & Earthworks)

CEB230 Engineering Materials and the Environment

CEB232 Geotechnical Engineering 1 and the Environment

MAB138 Engineering Statistics and Numerical Methods

### Year 2, Semester 2

CEB215 Structural Engineering 1

CEB217 Hydraulic Engineering 1

CEB233 Environmental Professional Studies 3 (Impacts of Projects and Sustainable Development)

PCB136 Engineering Physics 1C

### Year 3, Semester 1

CEB317 Professional Studies 4 (Project Documentation & Roads)

CEB319 Water Engineering

CEB330 Environmental Management for Engineers

PSB435 Social and Cultural Relations

### Year 3, Semester 2

CEB321 Water and Wastewater Treatment

CEB322 Geotechnical Engineering 2

CEB418 Waste Resource Management

CEB419 Environmental Transport & Infrastructure Management

### Year 4, Semester 1

CEB416 Environmental Law and Assessment

CEB420 Environmental Thesis Project A

CEB523 Environmental Geotechnology

Environmental Elective

### Year 4, Semester 2

CEB426 Environmental Professional Studies (Civil Project)

PSB443 Population and Urban Studies

2 Environmental electives

### Electives, Semester 1 (subject to availability)

CEB523 Environmental Geotechnology

PSP501 Environmental Planning and Assessment, or other units approved by the course coordinator

### Electives, Semester 2 (subject to availability)

CEB415 Thesis Project B

CEB417 Environmental Professional Studies

PSP453 Urban Systems and the Physical Environment, or other units approved by the course coordinator.

## ■ Bachelor of Engineering (Civil) (CE44)

**Award title:** Bachelor of Engineering (Civil)

**CRICOS code:** 037544G

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 6-8 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Martin Murray

### Professional Recognition

This degree is recognised for the purpose of membership of Engineers Australia. It is professionally recognised by the Hong Kong Institution of Engineers, the UK Institution of Mechanical Engineers, the Institution of Professional Engineers, New Zealand, The Institution of Engineers, Ireland and the various professional engineering registry bodies in the USA.

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of

four units from the one study area that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Articulation to Master of Engineering Science

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

### Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Civil) must obtain at least 60 days of industrial experience/practice in an engineering environment approved by the course coordinator.

### Part-time Study

Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

### Course structure - February entry (CE44)

#### Year 1, Semester 1

CEB109 Engineering Mechanics 1  
MMB131 Engineering Materials  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A  
MAB180-must have Maths B, MAB131-must have Maths C  
Students who do not have Maths B please consult with the course coordinator.

#### Year 1, Semester 2

BNB007 Professional Studies 1  
CEB110 Engineering Mechanics 2  
EEB112 Electrical and Computer Engineering 1  
MAB132 Engineering Mathematics 1B

#### Year 2, Semester 1

CEB207 Professional Studies 2 (Timber Structures & Earthworks)  
CEB208 Materials Science  
CEB209 Geotechnical Engineering 1  
CEB213 Environmental Science

#### Year 2, Semester 2

CEB214 Professional Studies 3 (Environmental & Transport)  
CEB215 Structural Engineering 1  
CEB216 Project Engineering 1  
CEB217 Hydraulic Engineering 1

#### Year 3, Semester 1

CEB317 Professional Studies 4 (Project Documentation & Roads)  
CEB318 Structural Engineering 2  
CEB319 Water Engineering  
MAB138 Engineering Statistics and Numerical Methods

#### Year 3, Semester 2

CEB321 Water and Wastewater Treatment  
CEB322 Geotechnical Engineering 2  
CEB323 Transport Engineering 1  
CEB329 Professional Studies 5 (Steel Design & Construction)

#### Year 4, Semester 1

CEB411 Thesis Project A  
CEB412 Project Engineering 2  
CEB424 Professional Studies 6 (Concrete Structures & Geotechnical Engineering)  
Choose one Elective

#### Year 4, Semester 2

CEB413 Structural Engineering 3  
CEB425 Professional Studies 7 (Civil Design Project)  
Choose two Electives

### Course structure - Mid year entry (CE45)

#### Year 1, Semester 2 Mid-year entry

CEB109 Engineering Mechanics 1  
MMB131 Engineering Materials

PCB136 Engineering Physics 1C  
BNB007 Professional Studies 1  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A

**Note:** MAB180-must have Maths B, MAB131-must have Maths C. Students not having Maths B, please consult the course coordinator.

#### Year 1 - Summer Program

CEB110 Engineering Mechanics 2  
CEB209 Geotechnical Engineering 1, or (which ever is timetabled for summer)  
CEB217 Hydraulic Engineering 1

#### Year 2, Semester 1

CEB207 Professional Studies 2 (Timber Structures & Earthworks)  
CEB208 Materials Science  
CEB213 Environmental Science  
EEB112 Electrical and Computer Engineering 1  
MAB132 Engineering Mathematics 1B

#### Year 2, Semester 2

Program is the same as CE44 entry hereafter

**Note:** Mid-Year Entry International Students please consult the course coordinator regarding your course structure.

### Electives

#### Semester 1

CEB416 Environmental Law and Assessment  
CEB507 Finite Element Methods  
CEB508 Transport Engineering 1  
CEB509 Project Management and Administration  
CEB523 Environmental Geotechnology

#### Semester 2

CEB418 Waste Resource Management  
CEB513 Advanced Construction Practice  
CEB514 Project Control  
CEB516 Masonry Design  
CEB518 River and Coastal Engineering  
CEB522 Geotechnical Engineering Practice

With approval from the course coordinator students may be permitted to enrol in one elective unit from other QUT faculties. Not all electives will run every year.

### Course structure - Environmental Major

#### Years 1, 2 and 3

See Year 1, 2 and 3 of full-time CE44 course structure

#### Year 4, Semester 1

CEB411 Thesis Project A  
or  
CEB416 Environmental Law and Assessment  
CEB424 Professional Studies 6 (Concrete Structures & Geotechnical Engineering)  
CEB523 Environmental Geotechnology

#### Year 4, Semester 2

CEB418 Waste Resource Management  
CEB426 Environmental Professional Studies (Civil Project)  
CEB415 Thesis Project B  
or  
CEB411 or elective for those who have completed CEB411

## ■ Bachelor of Engineering (Computer Systems) (EE46)

**Award title:** Bachelor of Engineering (Computer Systems)

**CRICOS code:** 040309C

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 6-8 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Vinod Chandran

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Optional Pathways

Students entering the Bachelor of Engineering (Electronics)/Bachelor of Information Technology course or the Bachelor of Engineering (Telecommunications) course can change to the Bachelor of Engineering (Computer Systems) at the end of the first year without loss of credit, subject to approval from the course coordinator and meeting minimum course requirements.

### Articulation to Masters

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

### Special Course Requirements

Students must complete at least 60 days industrial experience in order to graduate.

### Part-time Study

Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

### Course Structure

#### Year 1, Semester 1

ITB111 Software Development 1  
ITB114 Networking Systems  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A  
MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

#### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB213 Electrical Circuits and Measurements  
ITB112 Software Development 2  
MAB132 Engineering Mathematics 1B

#### Year 2, Semester 1

EEB312 Analog and Digital Electronics  
EEB340 Introduction to Telecommunications  
ITB610 Software Development 3  
MAB139 Computer Engineering Mathematics 3

#### Year 2, Semester 2

EEB412 Advanced Electronics and Embedded Systems  
EEB440 Classical Signal Processing  
ITB616 Computer Architecture  
ITB611 Object Technology

#### Year 3, Semester 1

EEB512 Industrial Electronics and Digital Design  
EEB560 Digital Communications  
EEB584 Introduction to Design  
EEB566 Real-Time Computer-Based Systems

#### Year 3, Semester 2

EEB612 Software Systems Design  
EEB640 Digital Signal Processing  
EEB666 Communication Environments for Embedded Systems  
EEB684 Advanced Design

#### Year 4, Semester 1

EEB781 Professional Studies 2  
EEB889/1 Project  
Elective Unit 1  
Elective Unit 2

#### Year 4, Semester 2

EEB889/2 Project  
General Elective  
Elective Unit 3  
Elective Unit 4

Students must complete 60 days industrial experience before graduating.

#### Elective Units

EEB641 Fields Transmission and Propagation  
EEB904 Advanced Topics in Electrical Engineering A

EEB905 Advanced Topics in Electrical Engineering B  
EEB941 Modern Signal Processing  
EEB960 Wireless Communications  
EEB961 RF and Applied Electromagnetics  
EEB976 Advanced Industrial Electronics  
EEB992 VLSI Circuits and Systems  
EEP129 Image Processing and Computer Vision  
ITB623 Information Security  
ITB640 Artificial Intelligence  
ITB641 Component and Network Applications  
ITB647 Advanced Programming Technology  
ITB648 Graphics

**Note:** At the discretion of the course coordinator students maybe allowed to select an elective from any advanced topics offered by the University.

## ■ Bachelor of Engineering (Electrical and Computer Engineering) (EE41)

**Award title:** Bachelor of Engineering (Electrical and Computer Engineering)

**CRICOS code:** 003490G

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 8 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Duncan Campbell

### Professional Recognition

This degree meets the requirements for membership of Engineers Australia and the Institution of Radio and Electronics Engineers Australia. It is professionally recognised by many international professional institutions including the Professional Engineers Board Singapore.

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Industry Cooperative Education Program

High achieving domestic students in third year may also be eligible to participate in the Industry Cooperative Education Program, based on a three-way partnership between the student, University and industry, and involving a full-time, one semester, paid and supervised workplace position with the industry partner.

### Articulation to Masters

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

### Special Course Requirements

To graduate, students must complete at least 60 days industrial experience in an engineering environment which is approved by the course coordinator.

### Part-time Study

Part-time students for this degree may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

### Full-time Course Structure

#### Year 1, Semester 1

CEB109 Engineering Mechanics 1  
EEB112 Electrical and Computer Engineering 1

PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A

**Year 1, Semester 2**

BNB007 Professional Studies 1  
EEB212 Electrical and Computer Engineering 2  
MMB131 Engineering Materials  
MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**

EEB311 Electrical Measurement and Machines  
EEB312 Analog and Digital Electronics  
EEB340 Introduction to Telecommunications  
MAB134 Electrical Engineering Mathematics 3

**Year 2, Semester 2**

EEB411 Classical Control and Power Systems  
EEB412 Advanced Electronics and Embedded Systems  
EEB440 Classical Signal Processing  
MAB135 Electrical Engineering Mathematics 4

**Year 3, Semester 1**

EEB511 Modern Control and Power Electronics  
EEB512 Industrial Electronics and Digital Design  
EEB560 Digital Communications  
EEB584 Introduction to Design

**Year 3, Semester 2**

EEB612 Software Systems Design  
EEB641 Fields Transmission and Propagation  
EEB684 Advanced Design  
Select one of:  
EEB640 Digital Signal Processing, or  
EEB650 Power Systems Analysis

**Year 4, Semester 1**

EEB781 Professional Studies 2  
EEB889-1 Project  
Students normally enrol in EEB889-1 in semester one.  
Elective Unit 1(Technical)  
Elective Unit 2 (Technical)

**Year 4, Semester 2**

EEB889-1 Project  
Students normally enrol in EEB889-2 in semester two.  
General Elective  
Elective Unit 3 (Technical)  
Elective Unit 4 (Technical)

Students in this course must complete 60 days industrial experience before graduating.

**Industry Cooperative Education Program**

At the commencement of Year 3, Semester 1, eligible students may be invited to apply for a place in the Industry Cooperative Education Program. (See Course Structure)

**Electives**

EEB766 Communication Technologies  
EEB904 Advanced Topics in Electrical Engineering A  
EEB905 Advanced Topics in Electrical Engineering B  
EEB911 Electrical Energy Systems  
EEB941 Modern Signal Processing  
EEB960 Wireless Communications  
EEB961 RF and Applied Electromagnetics  
EEB976 Advanced Industrial Electronics  
EEB992 VLSI Circuits and Systems

**Note:** At the discretion of the course coordinator students maybe allowed to select an elective from any advanced topics offered by the University.

**Mid-year entry**

**Year 1, Semester 2**

BNB007 Professional Studies 1  
EEB112 Electrical and Computer Engineering 1  
CEB109 Engineering Mechanics 1  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A  
PCB136 Engineering Physics 1C

**Year 1 - Summer Program**

EEB212 Electrical and Computer Engineering 2  
MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**

EEB311 Electrical Measurement and Machines  
EEB312 Analog and Digital Electronics  
EEB340 Introduction to Telecommunications  
MAB134 Electrical Engineering Mathematics 3  
MMB131 Engineering Materials

**Year 2, Semester 2**

EEB411 Classical Control and Power Systems  
EEB412 Advanced Electronics and Embedded Systems  
EEB440 Classical Signal Processing  
MAB135 Electrical Engineering Mathematics 4

**Year 3, Semester 1**

EEB511 Modern Control and Power Electronics  
EEB512 Industrial Electronics and Digital Design  
EEB560 Digital Communications  
EEB584 Introduction to Design

**Year 3, Semester 2**

EEB612 Software Systems Design  
EEB641 Fields Transmission and Propagation  
EEB684 Advanced Design  
Select one of:

EEB640 Digital Signal Processing  
EEB650 Power Systems Analysis

**Year 4, Semester 1**

EEB781 Professional Studies 2  
EEB889-1 Project  
Students normally enrol in EEB889-1 in semester one  
Elective 1(Technical)  
Elective 2 (Technical)

**Year 4, Semester 2**

EEB889-1 Project  
Students normally enrol in EEB889-2 in semester two  
Elective 3 (Technical)  
Elective 4 (Technical)  
General Elective

Students must complete 60 days Industrial Experience before Graduation

**Electives**

EEB904 Advanced Topics in Electrical Engineering A  
EEB905 Advanced Topics in Electrical Engineering B  
EEB911 Electrical Energy Systems  
EEB941 Modern Signal Processing  
EEB960 Wireless Communications  
EEB961 RF and Applied Electromagnetics  
EEB976 Advanced Industrial Electronics  
EEB992 VLSI Circuits and Systems

**Note:** At the discretion of the course coordinator students maybe allowed to select an elective from any advanced topics offered by the University

**Industry Cooperative Education Program**

**Year 3, Semester 1**

EEB511 Modern Control and Power Electronics  
EEB512 Industrial Electronics and Digital Design  
EEB560 Digital Communications  
EEB584 Introduction to Design  
EEB641 Fields Transmission and Propagation

**Year 3, Semester 2**

EEB686 Industry Practice  
EEB640 Digital Signal Processing, or  
EEB650 Power Systems Analysis

**Year 4, Semester 1**

EEB781 Professional Studies 2  
EEB889 Project  
Students normally enrol in EEB889-1 in semester one  
Elective Unit 1(Technical)  
Elective Unit 2 (Technical)

**Year 4, Semester 2**

EEB612 Software Systems Design  
EEB889 Project  
Students normally enrol in EEB889-2 in semester two  
Elective Unit 3 (Technical)  
Elective Unit 4 (Technical)

**Part-time Course Structure**

**Year 1, Semester 1**

EEB112 Electrical and Computer Engineering 1  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A

**Year 1, Semester 2**

BNB007 Professional Studies 1  
MMB131 Engineering Materials

**Year 2, Semester 1**

CEB109 Engineering Mechanics 1  
PCB136 Engineering Physics 1C

**Year 2, Semester 2**

EEB212 Electrical and Computer Engineering 2  
MAB132 Engineering Mathematics 1B

### Year 3, Semester 1

EEB311 Electrical Measurement and Machines  
EEB312 Analog and Digital Electronics

### Year 3, Semester 2

EEB411 Classical Control and Power Systems  
EEB412 Advanced Electronics and Embedded Systems

### Year 4, Semester 1

EEB340 Introduction to Telecommunications  
MAB134 Electrical Engineering Mathematics 3

### Year 4, Semester 2

EEB440 Classical Signal Processing  
MAB135 Electrical Engineering Mathematics 4

### Year 5, Semester 1

EEB511 Modern Control and Power Electronics  
EEB512 Industrial Electronics and Digital Design

### Year 5, Semester 2

EEB612 Software Systems Design  
EEB641 Fields Transmission and Propagation

### Year 6, Semester 1

EEB560 Digital Communications  
EEB584 Introduction to Design

### Year 6, Semester 2

EEB684 Advanced Design  
Select one of:  
EEB640 Digital Signal Processing  
EEB650 Power Systems Analysis

### Year 7 - Semester 1

Elective Unit 1 (Technical)  
Elective Unit 2 (Technical)

### Year 7 - Semester 2

Elective Unit 3 (Technical)  
Elective Unit 4 (Technical)

### Year 8 - Semester 1

EEB781 Professional Studies 2  
EEB889-1 Project  
Students normally enrol in EEB889-1 in semester one

### Year 8 - Semester 2

EEB889-1 Project  
Students normally enrol in EEB889-2 in semester two  
General Elective

Students must obtain at least 60 days of industrial experience in an engineering environment approved by the course coordinator.

**Electives:** Refer to elective list under Full-time Course Structure.

## ■ Bachelor of Engineering (Infomechatronics) (ME40)

**Award title:** Bachelor of Engineering (Infomechatronics)

**CRICOS code:** 037550J

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 6-8 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Prasad Yarlalagadda

### Special Course Requirements

Students must obtain at least 60 days of industrial work experience in an engineering environment approved by the course coordinator.

### Articulation to Masters

Subject to University approval, students achieving minimum performance criteria at the end of year 3 of the Bachelor of Engineering course may be eligible to study two Master of Engineering Science or Master of Engineering Management units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science or Master of Engineering Management courses can then have these two units credited towards the Masters Program.

### Part-time Study

Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment.

Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

### Course Structure

#### Year 1, Semester 1

CEB109 Engineering Mechanics 1  
ITB849 Introduction to Technical Computing  
PCB136 Engineering Physics 1C  
MAB131 Engineering Mathematics 1A, or  
MAB180 Engineering Mathematics 1

#### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB213 Electrical Circuits and Measurements  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics

#### Year 2, Semester 1

EEB312 Analog and Digital Electronics  
ITB851 Advanced Technical Computing  
MAB134 Electrical Engineering Mathematics 3  
MMB131 Engineering Materials

#### Year 2, Semester 2

EEB412 Advanced Electronics and Embedded Systems  
MAB135 Electrical Engineering Mathematics 4  
MMB252 Thermofluids  
MMB476 Operations Management

#### Year 3, Semester 1

EEB311 Electrical Measurement and Machines  
MMB211 Mechanics 1  
MMB371 Manufacturing Processes  
Elective

#### Year 3, Semester 2

EEB411 Classical Control and Power Systems  
ITB617 Concurrent and Distributed Systems  
MMB212 Mechanics 2  
MMB374 Design for Manufacturing 1

#### Year 4, Semester 1

EEB521 Digital Systems and Control  
ITB650 Computational Intelligence  
MMB478 Mechatronics Systems Design  
Elective

#### Year 4, Semester 2

MMB376 Professional Practice (Engineering Management)  
MMB004 Infomechatronics Project

#### Electives

EEB340 Introduction to Telecommunications  
EEB512 Industrial Electronics and Digital Design  
EEB566 Real-Time Computer-Based Systems  
ITB114 Networking Systems  
ITB612 Software Engineering Principles  
ITB640 Artificial Intelligence  
ITB648 Graphics  
MMB311 Mechanics 3  
MMB472 Design for Manufacturing 2

## ■ Bachelor of Engineering (Mechanical) (ME41)

**Award title:** Bachelor of Engineering (Mechanical)

**CRICOS code:** 003490G

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 6 to 8 years (February entry only)

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Peter Ridley

### Engineering Management Major

Students enrolled in the Bachelor of Engineering (Mechanical) have the opportunity to undertake a major in Engineering Management during the final two years of their degree. Students wishing to undertake the major should consult the course coordinator.

### Professional Recognition

Graduates meet the requirements for membership of Engineers Australia, the Singapore Professional Engineers Board and the Lembaga Jurutera (Board of Engineers) Malaysia. The course is



also professionally recognised by the Hong Kong Institution of Engineers, the UK Institution of Mechanical Engineers, the Institution of Professional Engineers, New Zealand, and the Institution of Engineers, Ireland. The Indonesian Directorate of Higher Education accredits the course as equivalent to the appropriate Indonesian degree.

### Minors

Subject to the approval of the Course Coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Articulation to Masters

Subject to University approval, students achieving minimum performance criteria at the end of year 3 of the Bachelor of Engineering course may be eligible to study two Master of Engineering Science or Master of Engineering Management units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science or Master of Engineering Management courses can then have these two units credited towards the Masters Program.

### Part-time Study

Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

### Special course requirements

A candidate for the degree of Bachelor of Engineering (Mechanical) must complete at least 60 days of industrial experience/practice in an engineering environment approved by the course coordinator.

### Course Structure

#### Year 1, Semester 1

CEB109 Engineering Mechanics 1  
MMB131 Engineering Materials  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A

#### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB112 Electrical and Computer Engineering 1  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics

#### Year 2, Semester 1

EEB220 Electrical Engineering 2M  
MAB133 Engineering Mathematics 2  
MMB211 Mechanics 1  
MMB281 Fundamentals of Mechanical Design

#### Year 2, Semester 2

MAB136 Engineering Statistics  
MMB212 Mechanics 2  
MMB232 Materials Technology  
MMB252 Thermofluids

#### Year 3, Semester 1

MMB311 Mechanics 3  
MMB352 Fluid Mechanics  
MMB371 Manufacturing Processes  
MMB381 Design of Mechanical Components and Machines

#### Year 3, Semester 2

MMB376 Professional Practice (Engineering Management)  
MMB351 Thermodynamics  
MMB382 Design and Maintenance of Machinery  
Elective from Group A

#### Year 4 - Semesters 1 and 2

Option 1  
MMB400 Industry Project  
3 electives from Group A and 1 elective from Group B  
Option 2

MMB401/1 and 2 Project

3 electives from Group A and 1 elective from Group B

**Note:** Students in this course must complete 60 days industrial experience before graduating.

### Engineering Management Major

Students wishing to undertake the Engineering Management major should consult their course coordinator.

#### Year 3, Semester 2

MGB007 Engineering Management  
MMB351 Thermodynamics  
MMB382 Design and Maintenance of Machinery  
MMB476 Operations Management

#### Year 4, Semester 1

MMB470 Engineering Asset Management and Maintenance  
MMB375 Industrial Engineering

#### Year 4, Semester 2

MMB402 Engineering Management Project 1/2

#### Electives - Group A

MMB412 Finite Element Analysis  
MMB430 Advanced Materials  
MMB450 Air Conditioning  
MMB353 Tribology  
MMB411 Advanced Automatic Control  
MMB413 Industrial Noise and Vibrations  
MMB451 Energy Management  
MMB461 Process Systems Design  
MMB471 Computer Integrated Manufacturing  
MMB472 Design for Manufacturing 2  
MMB375 Industrial Engineering

#### Electives - Group B

MMB470 Engineering Asset Management and Maintenance  
MMB476 Operations Management, or  
Any Management unit approved by the Course Coordinator.

#### Electives Note

Not all electives are available every semester.  
MMB430 is available in odd years only, MMB450 is available in even years only.  
MMB451, MMB461, MMB472 and MMB470 are available in semester 1 only.  
MMB411 (odd years), MMB413 (even years), MMB471 and MMB476 are available in semester 2 only.

### Mid-year entry

#### Year 1, Semester 2

BNB007 Professional Studies 1  
CEB109 Engineering Mechanics 1  
PCB136 Engineering Physics 1C  
MAB131 Engineering Mathematics 1A, or  
MAB180 Engineering Mathematics 1

#### Year 1 - Summer Program

MAB132 Engineering Mathematics 1B  
MMB112 Dynamics  
BSB115 Management, People and Organisations

**Note:** BSB115 is to be taken by international students requiring a full-time load in lieu of MGB007.

#### Year 2, Semester 1

MAB133 Engineering Mathematics 2  
MMB131 Engineering Materials  
MMB211 Mechanics 1  
MMB281 Fundamentals of Mechanical Design

#### Year 2, Semester 2

EEB112 Electrical and Computer Engineering 1  
MAB136 Engineering Statistics  
MMB212 Mechanics 2  
MMB232 Materials Technology  
MMB252 Thermofluids

#### Year 3, Semester 1

EEB220 Electrical Engineering 2M  
MMB311 Mechanics 3  
MMB352 Fluid Mechanics  
MMB371 Manufacturing Processes  
MMB381 Design of Mechanical Components and Machines

#### Year 3, Semester 2

MMB376 Professional Practice (Engineering Management)  
MMB351 Thermodynamics  
MMB382 Design and Maintenance of Machinery  
Group A - Elective

**Year 4, Semester 1 or 2 Option 1**

MMB400 Industry Project  
3 Group A Electives  
1 Group B Elective

**Year 4, Semester 1 or 2 Option 2**

MMB401/1 Project  
MMB401/2 Project  
3 Group A Electives  
1 Group B Elective

**Engineering Management**

See above, ME41 B Engineering (Mechanical)

**Group A Electives**

MMB375 Industrial Engineering  
MMB411 Advanced Automatic Control  
MMB413 Industrial Noise and Vibrations  
MMB451 Energy Management  
MMB461 Process Systems Design  
MMB471 Computer Integrated Manufacturing  
MMB472 Design for Manufacturing 2  
MMB412 Finite Element Analysis  
MMB430 Advanced Materials  
MMB450 Air Conditioning  
MMB353 Tribology  
Any unit approved by the Course Coordinator.

**Group B Electives**

MMB470 Engineering Asset Management and Maintenance  
MMB476 Operations Management  
Any management unit approved by the Course Coordinator.

**Electives Note**

See above, ME41 B Engineering (Mechanical), for semesters of offer.

**■ Bachelor of Engineering (Mechanical)  
Conversion Program from Bachelor of  
Technology ME36/ME37 (ME41)**

**Award title:** Bachelor of Engineering (Mechanical)

**CRICOS code:** 003490G

**Location:** Gardens Point

**Course duration (full-time):** 1.5 years

**Total credit points:** 144

**Course coordinator:** Dr Peter Ridley

**Professional Recognition**

This degree is recognised for the purpose of membership of Engineers Australia. It is professionally recognised by the Hong Kong Institution of Engineers, the UK Institution of Mechanical Engineers, the Institution of Professional Engineers, New Zealand, and the Institution of Engineers, Ireland. Graduates meet the requirements for membership of the Singapore Professional Engineers Board, and the Lembaga Jurutera (Board of Engineers) Malaysia. The course is also accredited by the Indonesian Directorate of Higher Education as equivalent to the appropriate Indonesian degree.

**Course Structure**

**Year 1, Semester 1**

MAB133 Engineering Mathematics 2  
MMB311 Mechanics 3  
MMB352 Fluid Mechanics  
MMB381 Design of Mechanical Components and Machines

**Year 1, Semester 2**

MAB136 Engineering Statistics  
MMB351 Thermodynamics  
MMB382 Design and Maintenance of Machinery  
Group A Elective

**Year 2, Semester 1**

MMB400 Industry Project, or  
MMB401/1 Internal Project  
MMB401/2 Internal Project

**■ Bachelor of Engineering (Medical) (ME48)**

**Award title:** Bachelor of Engineering (Medical)

**CRICOS code:** 003490G

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Professional Recognition**

This course is accredited by Engineers, Australia (EA).

**Special Course Requirements**

Students must obtain at least 60 days of industrial employment in an engineering environment approved by the course coordinator. Half of this experience must be in an industry related to Biomedical Engineering.

**Articulation to Masters**

Subject to University approval, students achieving a minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science or Master of Engineering Management units as electives. After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science or Master of Engineering Management courses can then have these two units credited towards the Masters Program.

**Course Structure**

**Year 1, Semester 1**

LSB142 Human Anatomy and Physiology  
MMB191 Introduction to Engineering in the Medical Environment  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A

**Year 1, Semester 2**

CEB109 Engineering Mechanics 1  
MAB132 Engineering Mathematics 1B  
MMB112 Dynamics  
MMB131 Engineering Materials

**Year 2, Semester 1**

HMB274 Functional Anatomy  
MAB133 Engineering Mathematics 2  
MMB211 Mechanics 1  
MMB281 Fundamentals of Mechanical Design

**Year 2, Semester 2**

EEB112 Electrical and Computer Engineering 1  
MAB136 Engineering Statistics  
MMB252 Thermofluids  
MMB292 Biomaterials

**Year 3, Semester 1**

EEB220 Electrical Engineering 2M  
MMB311 Mechanics 3  
MMB371 Manufacturing Processes  
MMB391 Biomechanical Engineering Systems

**Year 3, Semester 2**

MMB376 Professional Practice (Engineering Management)  
MMB362 Biofluids  
MMB392 Bioengineering Design 2  
PCB605 Biomedical Instrumentation

**Year 4, Semester 1**

MMB409/1 Project  
MMB470 Engineering Asset Management and Maintenance  
Elective from list A

**Year 4, Semester 2**

MMB409/2 Project  
MMB492 Health Legislation and the Medical Environment  
Elective from list B

**Elective List A**

MMB494 Rehabilitation Equipment Design and Evaluation  
PUB112 Workplace Health and Safety  
MMB353 Tribology  
Any other elective approved by the Course Coordinator.

**Elective List B**

MMB411 Advanced Automatic Control  
MMB412 Finite Element Analysis  
MMB496 Modelling and Simulation for Medical Engineers  
PCB805 Medical Imaging and Image Processing  
Any other elective approved by the Course Coordinator.  
MMB411 is offered in even years only

## ■ Bachelor of Engineering (Telecommunications) (EE47)

**Award title:** Bachelor of Engineering (Telecommunications)

**CRICOS code:** 040308D

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 6-8 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Vinod Chandran

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Optional Pathway

Students entering the Bachelor of Engineering (Electronics)/Bachelor of Information Technology course or the Bachelor of Engineering (Computer Systems) course can internally transfer to the Bachelor of Engineering (Telecommunications) at the end of the first year without loss of credit, subject to approval from the course coordinator, and meeting minimum course requirements.

### Articulation to Masters

Subject to University approval, students achieving a certain minimum performance criteria at the end of year 3 of the Bachelor of Engineering course, may be eligible to study two Master of Engineering Science level units as electives.

After successfully completing the Bachelor of Engineering course, students eligible to enrol in the Master of Engineering Science courses can then have these two units credited towards the Masters Program.

### Special Course Requirements

Students must complete at least 60 days of industrial experience in order graduate.

### Part-time Study

Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment. Students wishing to enrol part-time must consult with the course coordinator regarding their enrolment.

### Course Structure

#### Year 1, Semester 1

ITB111 Software Development 1  
ITB114 Networking Systems  
PCB136 Engineering Physics 1C  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A

MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

#### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB213 Electrical Circuits and Measurements  
ITB112 Software Development 2  
MAB132 Engineering Mathematics 1B

#### Year 2, Semester 1

EEB312 Analog and Digital Electronics  
EEB340 Introduction to Telecommunications  
MAB134 Electrical Engineering Mathematics 3  
ITB610 Software Development 3

#### Year 2, Semester 2

EEB412 Advanced Electronics and Embedded Systems  
EEB440 Classical Signal Processing  
MAB135 Electrical Engineering Mathematics 4  
ITB611 Object Technology

#### Year 3, Semester 1

EEB560 Digital Communications  
EEB584 Introduction to Design  
ITB624 Internetworking  
General Elective

#### Year 3, Semester 2

EEB640 Digital Signal Processing  
EEB641 Fields Transmission and Propagation  
EEB684 Advanced Design  
ITB627 Network Technologies

#### Year 4, Semester 1

EEB766 Communication Technologies  
EEB781 Professional Studies 2  
EEB889-1 Project  
Elective Unit 1

#### Year 4, Semester 2

EEB889-2 Project  
EEB960 Wireless Communications  
Elective Unit 2  
Elective Unit 3

Students must complete 60 days work experience before graduating.

### Elective Units

EEB904 Advanced Topics in Electrical Engineering A  
EEB905 Advanced Topics in Electrical Engineering B  
EEB941 Modern Signal Processing  
EEB961 RF and Applied Electromagnetics  
EEB976 Advanced Industrial Electronics  
EEB992 VLSI Circuits and Systems  
EEP129 Image Processing and Computer Vision  
ITB623 Information Security  
ITB625 Network Administration  
ITB629 Network Services  
ITB640 Artificial Intelligence  
ITB641 Component and Network Applications  
ITB646 Cryptographic Fundamentals  
ITB647 Advanced Programming Technology  
ITB648 Graphics

**Note:** At the discretion of the course coordinator students maybe allowed to select an elective from any advanced topics offered by the University.

## ■ Bachelor of Property Economics (CN54)

**Award title:** Bachelor of Property Economics

**CRICOS code:** 040319A

**Location:** Gardens Point

**Course duration (full-time):** 4 years or 3 years for the early exit option

**Course duration (part-time):** 8 years or 6 years for the early exit option

**Total credit points:** 384, or 288 for 3 years early exit option

**Course coordinator:** Professor Terry Boyd

### Special Course Requirements

All students must undertake 60 days' professional work experience during the course as part of CNB390 Professional Practice. All work experience must approved by the course coordinator to verify that it is appropriate. A work experience diary is to be maintained and available for inspection by the unit coordinator as a formal assessment component.

A student registered in the flexible or part-time study program must be employed full-time in an approved organisation for three of the final four years of the course. Part-time study generally involves around 8 formal contact hours per week and some release from employment is required.

### Professional Recognition

Graduates with relevant professional experience are eligible for membership of the Australian Property Institute and registration by the Valuers' Registration Board of Queensland. The course is accredited by the Royal Institution of Chartered Surveyors. Accreditation by the Singapore Institute of Surveyors and Valuers will be sought in 2004.

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points.

This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Special Note

Students may elect to complete their studies on the completion of 3 years (or flexible part-time equivalent). Students who select this option will graduate with a Bachelor of Applied Science (Property Economics) degree. This degree provides full domestic accreditation with the Australian Property Institute and Valuers' Registration Board of Queensland. Students graduating on the four year program have the potential to graduate with honours according to their overall grade point average.

### Flexible Mode

Students may take up to 3 units per semester from the full-time timetable.

### Course structure

#### Year 1, Semester 1

CNB190	Introductory Studies
CNB191	Property Law 1
BSB113	Economics
CNB192	Building Studies 1

#### Year 1, Semester 2

EFB102	Economics 2
CNB193	Property Law 2
CNB194	Principles of Property Valuation
MAB107	Introductory Mathematics and Statistics

#### Year 2, Semester 1

CNB290	Building Studies 2
CNB291	Urban Land Economics
CNB292	Property Investment Valuation
CNB293	Real Estate Accounting and Taxation

#### Year 2, Semester 2

CNB294	Agency Practice and Marketing
CNB295	Planning Theory and Processes
CNB296	Contemporary Issues
CNB297	Property Finance, or
EFB210	Finance 1

**Note:** Students who wish to undertake a Finance major should enrol in EFB210

#### Year 3, Semester 1

CNB390	Professional Practice
CNB391	Statutory and Applied Valuation
EFB307	Finance 2
OR	Elective if Finance Major is not taken

#### Year 3, Semester 2

CNB392	Property Investment Analysis
CNB393	Property and Asset Management
CNB394	Property Development
CNB395	Research Methods

#### Year 4

CNB490-1/2	Research Dissertation 1
CNB490-1/2	Research Dissertation 2
EFB202	Business Cycles and Economic Growth

Students must complete the 3 core units above plus

ALL FIVE units from any one of the elective options below

All electives must be approved by the course coordinator prior to year 4 enrolment.

#### Option 1, Valuation and Analysis

EFB318	Portfolio and Security Analysis
CNB494	Advanced Market Research Analysis
CNB491	Rural Valuation
CNB492	Business and Specialist Valuation
CNB493	Advanced Property Valuation and Analysis

#### Option 2, Property and Asset Management

CNB494	Advanced Market Research Analysis
EFB318	Portfolio and Security Analysis
CNB495	Strategic Property and Facilities Management
EFB326	Applied Portfolio Management
MGB207	Human Resource Issues and Strategy

#### Option 3, Development Management

CNB496	Project Management
CNB497	Project Cost and Risk Management
CNB498	Project Human Resource Management
CNB499	International Project Development Management

EFB312 International Finance

#### Option 4, Faculty specified minor

4 Faculty minor electives  
Free choice elective

## ■ Bachelor of Surveying (PS47)

**Award title:** Bachelor of Surveying

**CRICOS code:** 016354J

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Course coordinator:** Mr Kevin Jones

### Professional Recognition

Australia: The Bachelor of Surveying degree meets the requirements for membership of The Spatial Science Institute (Incorporating the Institution of Surveyors, Australia, the Institution of Engineering and Mining Surveyors, Australia and the Mapping Sciences Institute, Australia).

Overseas: Surveying graduates are readily accepted internationally.

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Special Course Requirements

Students are required to attend compulsory field practicals off-campus in the Moreton Region and have access to an advanced scientific calculator for use during the course. Students must obtain at least 90 days of industrial experience/practice in a surveying/mapping environment, approved by the course coordinator.

### Course Structure

#### Year 1, Semester 1

MAB100	Mathematical Sciences 1A
PSB412	Computer Skills
PSB414	Professional Skills 1
PSB424	Land Science

#### Year 1, Semester 2

DBB646	Surveying Computations
PCB172	Physics for Surveyors
PSB422	Environmental Science
PSB640	Surveying

#### Year 2, Semester 1

MAB137	Surveying Mathematics 1
PSB610	Government and Law
PSB620	Cadastral Surveying and Mapping
PSB630	Cartography and Digital Mapping

#### Year 2, Semester 2

MAB730	Surveying Mathematics 2
PSB611	Introduction to Urban and Regional Economics
PSB631	Geographic Information Systems 1
PSB641	Engineering Surveying

#### Year 3, Semester 1

CEB259	Engineering Design for Land Development
PSB612	Spatial and Land Information Management
PSB642	Control Surveying and Analysis
	Elective

#### Year 3, Semester 2

PSB613	Land Development Principles and Policies
PSB632	Photogrammetry
PSB643	Geodesy
	Elective

#### Year 4, Semester 1

PSB614	Urban and Rural Design Principles
PSB633	Map Production: Principles and Practice
PSB644	Advanced Geodesy
	Elective/Project

#### Year 4, Semester 2

PSB615	Urban and Rural Design Practice
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PSB621 Advanced Cadastral Surveying  
PSB645 Surveying and Mapping Practice  
Elective/Project

Students in this course must complete 90 days industrial experience before graduating.

#### **Recommended Surveying Electives**

##### **Year 3, Semester 1**

PSB655 Remote Sensing

##### **Year 3, Semester 2**

PSB652 Topics in Land Administration

##### **Year 4, Semester 1**

PSB655 Remote Sensing

PSB654 Topics in Spatial Information Science

PSB650 Project 1

##### **Year 4, Semester 2**

PSB652 Topics in Land Administration

PSB653 Topics in Surveying Engineering

PSB651 Project 2

## ■ Bachelor of Technology (Civil) Conversion Program (CE35)

**Award title:** Bachelor of Technology (Civil)

**CRICOS code:** 049435B

**Location:** Gardens Point

**Course duration (full-time):** 1.5 - 2 years flexible full-time

**Course duration (part-time):** 3 years

**Course coordinator:** Mr Cliff Button

### **Special Entry Requirements**

Applicants must have completed an Advanced Diploma in Civil Engineering (or equivalent qualification).

### **Professional Recognition**

The course is recognised by Engineers Australia.

### **Special course requirements**

A candidate for the degree of Bachelor of Technology (Civil) must obtain at least 45 days of industrial experience in an engineering environment approved by the course coordinator.

### **Advanced Standing**

One year (96 credit points unspecified exemption) given for completion of an approved TAFE Advanced Diploma of Civil Engineering which includes EA859 Statics, EA804 Introductory Strength of Materials, EA805 Load Analysis, EB004 Uni Maths 1, and EB005 Uni Maths 2. Further exemptions may be granted upon consultation with course coordinator.

### **Course Structure**

#### **Year 1, Semester 1**

CEB208 Materials Science

CEB213 Environmental Science

CEB207 Professional Studies 2 (Timber Structures & Earthworks)

CEB209 Geotechnical Engineering 1, or

CEB218 Geotechnical Engineering 1A

#### **Year 1, Semester 2**

CEB215 Structural Engineering 1, or

CEB219 Structural Engineering 1A

CEB217 Hydraulic Engineering 1, or

CEB222 Hydraulic Engineering 1A

CEB214 Professional Studies 3 (Environmental & Transport)

One Elective

#### **Year 2, Semester 1**

CEB328 Investigation Project

Two Electives

#### **Year 2, Semester 2**

EB865 Municipal Design (at Southbank TAFE)

Elective 2 (if not taken Year 2, Semester 1)

#### **Electives, Semester 1**

CEB318 Structural Engineering 2

CEB319 Water Engineering

MAB138 Engineering Statistics and Numerical Methods

#### **Electives, Semester 2**

CEB321 Water and Wastewater Treatment

CEB322 Geotechnical Engineering 2

CEB323 Transport Engineering 1

CEB413 Structural Engineering 3

## ■ Bachelor of Technology (Mechanical) Conversion Program (ME36)

**Award title:** Bachelor of Technology (Mechanical)

**CRICOS code:** 020303G

**Location:** Gardens Point

**Course duration (part-time):** 3 years

**Total credit points:** 288 (including 144 credit points advanced standing)

**Course coordinator:** Dr Vladis Kosse

### **Special Entry Requirements**

Applicants must have completed an Advanced Diploma in Mechanical Engineering (or equivalent qualification) or a Bachelor of Science in an appropriate discipline.

### **Professional Recognition**

This course has been accredited by Engineers Australia.

Graduates are eligible for affiliate membership, providing them with official recognition as an engineering technologist. The three-year degree is recognised by the Singapore Institute of Engineering Technologists.

### **Additional Information**

Candidates with an Advanced Diploma in Mechanical Engineering (or equivalent) or a relevant tertiary qualification (eg Bachelor of Science or CAE Diploma in Mechanical Engineering) will automatically receive credit of 144 credit points.

### **Part-time Study**

Prospective part-time students for this degree should be aware that they may need 9 to 12 hours release from their employment.

### **Special Course Requirements**

Students must obtain at least 50 days of industrial experience with a minimum of 25 days in a engineering environment approved by the course coordinator.

### **Full-time Course Structure**

#### **Year 1, Semester 1**

BSB115 Management, People and Organisations

EEB220 Electrical Engineering 2M

MAB132 Engineering Mathematics 1B

MMB211 Mechanics 1

#### **Year 1, Semester 2**

MMB212 Mechanics 2

MMB232 Materials Technology

MMB252 Thermofluids

MMB312 Mechanical Measurement

#### **Year 2, Semester 1**

MGB207 Human Resource Issues and Strategy

MMB302 Project 2T

MMB371 Manufacturing Processes

MMB381 Design of Mechanical Components and Machines

### **Part-time Course Structure**

#### **Year 1, Semester 1**

MAB132 Engineering Mathematics 1B

MMB211 Mechanics 1

#### **Year 1, Semester 2**

BSB115 Management, People and Organisations

MMB232 Materials Technology

#### **Year 2, Semester 1**

EEB220 Electrical Engineering 2M

MMB371 Manufacturing Processes

#### **Year 2, Semester 2**

MMB252 Thermofluids

MMB312 Mechanical Measurement

#### **Year 3, Semester 1**

MGB207 Human Resource Issues and Strategy

MMB381 Design of Mechanical Components and Machines

#### **Year 3, Semester 2**

MMB212 Mechanics 2

MMB302 Project 2T

## ■ Advanced Diploma in Engineering (Civil) with Honours/Bachelor of Technology (Civil) (CE35)

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Course coordinator:** Mr Cliff Button

### Special Course Requirements

A candidate for the degree of Bachelor of Technology (Civil) must obtain at least 45 days of industrial experience/practice in an engineering environment approved by the course coordinator.

### Course Structure

#### Please Note:

SBIT: 1st Trimester - February-May

2nd Trimester - June-July

3rd trimester - August-December

QUT: 1st Semester - February-July

2nd Semester - July-October

#### Year 1, Trimester 1 - SBIT

NBB012 Engineering Drawing Interpretation 1

EA061 Engineering Graphics

EA050 Engineering Computing

EA859 Statics

EB004 University Mathematics 1

EA860 Surveying Computations

EA861 Surveying Principles

NBB002 Occupational Health and Safety

#### Year 1, Trimester 2 - SBIT

NNM006 Computer Aided Drafting A

EA804 Introductory Strength of Materials

EB005 University Mathematics 2

EA815 Drafting Steelwork 1

#### Year 1, Trimester 3 - SBIT

EA065 Computer Aided Drafting B

EA820 Engineering Surveying 1

EA812 Drafting Reinforced Concrete 1

NBB005 Quality Concepts

EA071 Planning, Estimating and Costing

EA027 Presenting Reports

EA033 Writing Workplace Documents

EA850 Civil Construction Techniques A

EA851 Civil Construction Techniques B

EB851 Environment Engineering

EA805 Load Analysis

EB006 University Mathematics 3, or

EB870 Engineering Surveying

#### Year 2, Trimester 1 - SBIT

EA813 Drafting Roads 1 (Rural)

EB860 Geometric Road Design

EA810 Drafting Pipelines

#### Year 2, Semester 1 - QUT

CEB208 Materials Science

CEB213 Environmental Science

#### Year 2, Trimester 3 - SBIT

EB854 Stormwater Drainage

EB071 Project Management

EA068 Three Dimensional Drawing - CAD

EA066 Computer Aided Drafting C - CAD C

EB850 Civil Estimating

EB878 Civil Engineering Computer Applications

#### Year 2, Semester 2 - QUT

CEB215 Structural Engineering 1, or

CEB219 Structural Engineering 1A

Completion point for Advanced Diploma (Civil)/Hons

#### Year 3, Semester 1 - QUT

CEB207 Professional Studies 2 (Timber Structures & Earthworks)

CEB209 Geotechnical Engineering 1, or

CEB218 Geotechnical Engineering 1A

CEB328 Investigation Project

One Elective from list below

#### Year 3, Trimester 3 - SBIT

EB865 Municipal Design

#### Year 3, Semester 2 - QUT

CEB214 Professional Studies 3 (Environmental & Transport)

CEB217 Hydraulic Engineering 1, or

CEB222 Hydraulic Engineering 1A

CEB328 Investigation Project

or One Elective for those who have completed CEB328

#### Electives, Semester 1

CEB318 Structural Engineering 2

CEB319 Water Engineering

MAB138 Engineering Statistics and Numerical Methods

#### Electives, Semester 2

CEB321 Water and Wastewater Treatment

CEB322 Geotechnical Engineering 2

CEB323 Transport Engineering 1

CEB413 Structural Engineering 3

**Note:** CEB328 Investigation Project may be taken in year 3 in either semester 1 or 2.

## ■ Advanced Diploma in Engineering (Mechanical)/Bachelor of Technology (Mechanical) (ME37)

**Award title:** Bachelor of Technology (Mechanical)

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Total credit points:** 288 (including 120 credit points advanced standing)

**Course coordinator:** Dr Vladis Kosse

### Special Course Requirements

Students must obtain at least 50 days of industrial experience with a minimum of 25 days in an engineering environment approved by the course coordinator.

### Course Structure

#### Year 1, Trimester 1 - TAFE

NBB02 Occupational Health and Safety

EA061 Engineering Graphics

EA050 Engineering Computing

EA011 Science

EA002 Math A

EA001 Calculus

EA064 Computer-Aided Design A

#### Year 1, Trimester 2 - TAFE

NNB06 Machining

NBB07 Hand and Power Tools

EA010 Materials Science

EA701 Engineering Drawing - Detail

EA859 Statics

EB004 Uni Math 1

EA065 Computer-Aided Design B

#### Year 1, Trimester 3 - TAFE

EA804 Introduction to Strength of Materials

EB650 Materials for Engineering

EA704 Mechanical Systems

EA772 Introduction to Dynamics

EB005 Uni Math 2

NNM09 CNC Machining

#### Year 2, Trimester 1/Semester 1 - TAFE/QUT

EA790 Manufacturing Processes

NE160 Electrical Principles

MAB132 Engineering Mathematics 1B

MMB211 Mechanics 1

Elective

#### Year 2, Trimester 2/Semester 2 - TAFE/QUT

EB771 Advanced Dynamics

EA060 Engineering Design Concepts +

EB704 Mechanical Design

MMB232 Materials Technology

MAB136 Engineering Statistics

EEB112 Electrical and Computer Engineering 1

#### Year 2, Trimester 3 - TAFE

EB714 Thermodynamics

EB070 Engineering Management

#### Year 3, Semester 1 - QUT

EEB220 Electrical Engineering 2M

MMB300 Project 2T

MMB371 Manufacturing Processes

MMB381 Design of Mechanical Components and Machines

***Year 3, Semester 2 - QUT***

MMB252 Thermofluids

MMB212 Mechanics 2

MMB312 Mechanical Measurement

MMB376 Professional Practice (Engineering Management)

**Note:** MMB, EEB and MAB units = QUT units.





## Section Three – Course Information

# Business

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## OVERVIEW

Business is QUT's largest faculty, attracting over a quarter of the University's enrolments, and is also one of the largest business faculties in Australia.

Through various collaborations with industry and professional bodies, we are a key player in the business community with extensive local and international links.

We know what employers want in today's business graduates because we ask them. We regularly involve representatives from the business community in the development and review of our courses. And we employ part-time lecturers and tutors currently working in business.

As a student, you will be encouraged to undertake real-world projects to help you develop your own strong links. And you can take advantage of our extensive exchange program and our international study tours options.

This strong practical component of our courses is complemented by our academic excellence. The diversity of interests, experiences, and expertise of our locally and internationally drawn academic staff creates a rich learning and research environment.

You will graduate with the business acumen and entrepreneurial skills needed to turn any good idea into a successful enterprise within today's competitive international environment. And you will be able to anticipate the business challenges and opportunities of the future.

### Undergraduate

We recognise that in the ever-changing world of business you need a solid foundation in business principles along with the flexibility to pursue studies in multiple areas. Our Bachelor of Business includes eight core units which will equip you with generic skills and competencies for today's business environment. You also have the opportunity to tailor your studies to suit your own needs and career aspirations. Choose from majors in:

- Accountancy
- Advertising
- Banking & Finance
- Economics
- Electronic Business
- Human Resource Management
- International Business
- Management
- Marketing
- Public Relations

Having nominated a major, you can then pursue your chosen discipline in more depth with an extended major or specialisation. Alternatively, you can add a particular flavour or emphasis to your degree by choosing a double major or complementary specialisation. You can also choose elective units from Business or other faculties within QUT. We also offer a number of double degree options.

You can start studying before choosing your major by commencing your degree at our Carseldine campus. After completing your first year of core subjects, you then transfer to the major of your choice at Gardens Point. From 2005, the Bachelor of Business is also available at the Caboolture campus.

### Postgraduate

There are many reasons for considering postgraduate study. Whether you're looking for career advancement, a change in career direction, personal development, or research opportunities we can help you with postgraduate studies to suit your needs. Choose from:

- Honours
- Graduate Certificate

- Masters (Coursework & Research)
- MBA
- PhD

### Coursework Programs

Our postgraduate programs allow you to enhance your career options by building on existing qualifications, or change careers through study in a different field. For non-degree holders, we offer alternative pathways that build on your work experience.

You can choose from a focused, four-subject Graduate Certificate to a 12-subject coursework Masters qualification in:

- Accountancy
- Advertising
- Applied Finance
- Arts & Cultural Management
- Banking & Finance
- Business Administration (MBA)
- Human Resource Management
- Integrated Marketing Communication
- International Business
- Management
- Marketing
- Philanthropy & Nonprofit studies
- Public Management
- Public Relations

### Innovative MBA Programs

We also offer one of Australia's most innovative MBAs, which was recently one of only three Australian MBAs ranked in the top 100 worldwide by the Financial Times in its annual rankings of full-time MBA programs. We were also equal first in Australia to receive Association of MBAs (AMBA) accreditation.

The MBA is available in a variety of delivery options including our International MBA, which allows students to complete one semester of study overseas. Our Executive MBA is a tailored program for more experienced managers offered in an intensive, flexibly delivered format.

### Extensive Research Opportunities

As well as being highly respected for the quality of our postgraduate coursework teaching, the Faculty also provides extensive research opportunities.

Our researchers engage in collaborative, cross disciplinary research that impacts on the domestic and international business communities. The Australian Centre for Business Research, housed within the Business Faculty, links QUT's business research strengths to solving industry, government and community problems.

We also offer professional development programs, and contract research and consultancy services. And because we believe in giving something back to the community, our staff individually and in groups engage in a wide range of community service activities.

We are a business faculty for the real world.

## SENIOR STAFF

### Faculty office

*Dean:* Professor P. Little, LLB LLM *Qld*, Phd *Bond*

*Assistant Dean/Director of Accreditations:* Associate Professor L. Simpson, DipT *Mt Gravatt CAE*, BEd *Brisbane CAE*, MEd *James Cook*

*Director of Research & Development:* Professor B. Kabanoff, BA(Hons) *Qld*, PhD *Flinders*

*Director of Internationalisation:* Dr C. Dalglish, BA *Natal*, DipSduc Admin *Lond*, MSc PhD *Cran*

*Director of Undergraduate Studies:* A. Paltridge, BA BEc(Hons) MEcSt *Qld*, GradCert(HigherEd) *Griff*

*Director of Graduate Studies:* Associate Professor J.L. Everett, BA *UM*, MA PhD *UC*

*Director of QUT Collaborative Centre of Philanthropy & Nonprofit Studies:* Professor M. McGregor-Lowndes, BA LLB *Qld*, MAdmin PhD *Griff*, Solicitor of Supreme Court of Queensland and High Court of Australia

*Academic Services Manager:* M. Cole, BEc *Tas*, GAICD

*Business Services Manager:* C. Kane, MBA *Griff*

### **Brisbane Graduate School of Business**

*Head of School:* Professor E. Douglas, BCom(Hons) MCom *Newcastle*, PhD *Simon Fraser*

*Director of MBA Program:* Dr C. Hatcher, BA *Qld*, BEd *Brisbane CAE*, MA(Hons) *CSU*, PhD *QUT*

*Professor:* P. Davidsson, MSc Licentiate of Economics PhD *Stockholm School of Economics*

*Associate Professor:* S. Dann, BA MPubAdmin PhD *Qld*

### **School of Accountancy**

*Acting Head:* Associate Professor C. Ryan, BCom DipEd MFinMgt *Qld*, PhD *Griff*, FCPA

*Professor:* R. Willett, BA(Hons) *UEA*, PhD *Aberdeen*, FCA (ICAEW)

*Associate Professors:*

P. Best, BCom(Hons) *Qld*, MEngSc *N'cle(NSW)*, PhD *QUT*, FCPA, ICA, MACS

J. Goodwin, BBus *Massey*, MEc *Adel*, PhD *Lincoln*, IIA, CPA, ICANZ

### **School of Advertising, Marketing and Public Relations**

*Head:* Professor C. Patti, BA MS PhD *Illinois*

*Associate Professor:* J.L. Everett, BA *Michigan*, MA PhD *Colorado*

### **School of Economics and Finance**

*Head:* Professor A. Layton, BEcon(Hons) MEcon PhD *Qld*

*Professor:* A.S. Hurn, BCom(Hons) *Natal*, DPhil *Oxon*

*Associate Professors:*

M. Drew, BEcon MEcon PhD *Qld*, GradCert(HigherEd) *Griff*

T.J.C. Robinson, BEcon(Hons) PhD *Qld*

A. Worthington, BA DipBusStud MEc *NE*, MCom *UNSW*, PhD *Qld*

R. Wolff, BSc(Hons) *Qld*, PhD *Oxon*

### **School of Management**

*Head (Acting):* Professor N. Ryan, BSc MSc MPhil PhD *Griff*

*Professors:*

M. Griffin, GradDip(Psych) *Melbourne CAE*, DipEd *La Trobe*, BA MEd *Melb*, PhD *Penn St*

R. Waldersee, BA MA(Psych) *Syd*, MA(ClinPsych) PhD *UN-L*

*Associate Professor:* K.A. Brown, BA(Hum) PhD *Griff*, BA(Hons) *Murd*

### **School of International Business**

*Head:* Professor G. Boyce, BA(Hons) *Brock*, MA *Keele*, PhD *LSE*

supports four Major Programs which undertake large scale, high profile research in:

- Applied Modelling in Economics and Finance Research Program;
- Service Leadership and Innovation Research Program;
- Work Effectiveness Research Program; and
- Work and Industry Futures Research Program.

The Faculty fosters a vibrant research community that achieves excellence in targeted areas of business research and supports collaborative, cross-disciplinary and new research to inform and serve business, industry, government and the community. The Centre supports all postgraduate research study undertaken within the Faculty.

*Director:* Professor Boris Kabanoff, BA(Hons) PhD *Flinders*, FANZAM, MAPS

### **Centre for Philanthropy and Nonprofit Studies**

The Centre for Philanthropy and Nonprofit Studies was established in 2001 as a QUT Collaborative Centre, and aims to bring to the community the benefits of teaching, research, technology and service relevant to philanthropic and nonprofit communities.

The Centre builds on the work of the Program on Nonprofit Corporations (PONC) established in the School of Accountancy within the Faculty of Business in 1991. Between 1991 and 2001, the Program involved various QUT staff in research, consultancy and community service in the areas of law, tax, management, marketing, fundraising and ethics of nonprofit and philanthropic organisations.

*Director:* Professor Myles McGregor-Lowndes, BA, LLB *Qld*, MAdmin, PhD *Griff*, JP, Solicitor of Supreme Court of Queensland and High Court of Australia

## **RESEARCH CENTRES**

### **Australian Centre for Business Research**

The Australian Centre for Business Research, established in 2003, is a Centre of excellence in business research in Australia and conducts leading research that impacts on both the domestic and international research and business communities. The Centre

## ■ Master of Applied Finance (BS98)

**Award title:** Master of Applied Finance

**CRICOS code:** 027283F

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett,  
Director of Graduate Studies

**Discipline coordinator:** Mr Mark Christensen

### Course Discontinuation

Students should note that the University has approved a renaming and recoding of this course from semester 1, 2005 to BS93

Master of Business (Applied Finance). However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration. For course structure information please refer to the BS93 Master of Business (Applied Finance) course entry.

## ■ Master of Business (Advertising) (BS93)

**Award title:** Master of Business (Advertising)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Bill Proud

### Other Majors

See also separate entries for the following majors in this course: Human Resource Management, Integrated Marketing Communication, Marketing, Philanthropy and Nonprofit Studies, Public Management, and Public Relations.

### Entry Requirements

An undergraduate degree or equivalent with an overall minimum GPA of 4 (on a 7 point scale) in Business, Humanities, or Social Sciences. Degrees from other disciplines will be considered on a case by case basis.

International students undertaking the Master of Business must meet English language proficiency requirements.

### Course Design

All students will undertake eight major core units (96 credit points), a project (24 credit points) and two elective units (24 credit points), or four elective units (48 credit points).

This major may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students who are enrolled in the BS93 Master of Business who wish to exit early from the course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

### Full-time Course Structure

#### Year 1, Semester 1

AMN400 Consumer Behaviour

AMN420 Advertising Management

AMN422 Media Strategy

AMN401 Integrated Marketing Communication

#### Year 1, Semester 2

AMN403 Marketing and Survey Research

AMN421 Contemporary Issues in Advertising

AMN423 Strategies for Creative Advertising

BSN412 Qualitative Research and Analytical Techniques

#### Year 1, Summer Program

Elective unit

Elective unit

AMN406 Project, or

Two Elective units (24 credit points)

### Part-time Course Structure

#### Year 1, Semester 1

AMN400 Consumer Behaviour

AMN420 Advertising Management

#### Year 1, Semester 2

AMN421 Contemporary Issues in Advertising

AMN423 Strategies for Creative Advertising

#### Year 2, Semester 1

AMN403 Marketing and Survey Research

AMN422 Media Strategy

#### Year 2, Semester 2

AMN401 Integrated Marketing Communication

BSN412 Qualitative Research and Analytical Techniques

#### Year 3, Semester 1

Elective unit

Elective unit

#### Year 3, Semester 2

AMN406 Project, or

Two Elective Units (24 credit points)

## ■ Master of Business (Applied Finance) (BS93)

**Award title:** Master of Business (Applied Finance)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Mark Christensen

### Other Majors

See also separate entries for the following majors in this course: Financial Management, Forensic Accounting, Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, Professional Accounting, Public Management, and Public Relations.

### Course Design

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8) specified 12 credit point units, and have obtained approval by the Course Coordinator.

### Articulation

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

### Suggested Full-time Course Structure

#### Year 1, Semester 1

EFN405 Managerial Economics

EFN406 Managerial Finance

MGN409 Introduction to Management

Elective unit

#### Year 1, Semester 2

EFN413 Securities Law

EFN414 International Finance

EFN415 Security Analysis  
Elective unit

**Year 2, Semester 1**

BSN404 Project 1  
EFN412 Advanced Managerial Finance  
EFN416 Treasury and Portfolio Management  
EFN505 Financial Risk Management

Elective units may be chosen from available Faculty of Business postgraduate units, subject to approval.

**Note:** This is a suggested structure. Students who wish to undertake a different path should seek advice from the School of Economics and Finance

**Suggested Part-time Course Structure**

**Year 1, Semester 1**

EFN405 Managerial Economics  
EFN406 Managerial Finance

**Year 1, Semester 2**

EFN414 International Finance  
EFN415 Security Analysis

**Year 2, Semester 1**

EFN412 Advanced Managerial Finance  
MGN409 Introduction to Management

**Year 2, Semester 2**

EFN413 Securities Law  
Elective unit

**Year 3, Semester 1**

EFN505 Financial Risk Management  
Elective unit

**Year 3, Semester 2**

BSN404 Project 1  
EFN507 Advanced Capital Budgeting  
Elective units may be chosen from available Faculty of Business postgraduate units, subject to approval.

**Note:** This is a suggested structure. Students who wish to undertake a different path should seek advice from the School of Economics and Finance

**■ Master of Business (Financial Management) (BS93)**

**Award title:** Master of Business (Financial Management)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Peter Whelan

**Other Majors**

See also separate entries for the following majors in this course: Applied Finance, Forensic Accounting, Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, Professional Accounting, Public Management, and Public Relations.

**Course Design**

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

**Course structure**

Students are required to complete 12 units (144 credit points) from the lists below:

Coursework Units:

EFN401 Advanced Financial Institutions Management

EFN410 Economic and Financial Modelling  
EFN416 Treasury and Portfolio Management  
EFN500 Contemporary Macroeconomic Theories  
EFN501 Corporate and Commercial Lending  
EFN502 Developments in Microeconomic Theories  
EFN504 Finance Honours  
EFN505 Financial Risk Management  
EFN506 Advanced International Finance  
EFN507 Advanced Capital Budgeting

Research-related Units:

BSN404 Project 1  
BSN405 Project 2  
BSN409 Research Project  
BSN506 Econometric Methods  
BSN507 Research Methods

A minimum of 10 units (120 credit points) must be selected from the above list of coursework and research-related units, with a maximum of 24 credit points being undertaken as project units.

Up to 2 postgraduate units (24 credit points) offered within QUT or elsewhere may be selected as general electives, subject to the approval of the Subject Area Coordinator. All units are subject to demand and availability.

**■ Master of Business (Forensic Accounting) (BS93)**

**Award title:** Master of Business (Forensic Accounting)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Associate Professor Peter Best

**Other Majors**

See also separate entries for the following majors in this course: Applied Finance, Financial Management, Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, Professional Accounting, Public Management, and Public Relations.

**Course Design**

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

This course may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

**Articulation**

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

**Course Structure**

Students are required to complete 12 units (144 credit points), including a minimum of 8 units from Lists 1 and 2\* below:

List 1

AYN413 Information Systems Governance and Audit  
AYN419 Financial Modelling and Business Valuations  
AYN424 International Accounting  
AYN449 Enterprise Systems  
AYN453 Financial Forensics and Business Intelligence

AYN454	Forensic Accounting and Investigation
AYN455	Electronic Business Foundations
AYN505	Dissecting Financial Statements
AYN507	Governance Issues in Accounting
Research-related units:	
AYN433	Research Topics in Accounting
BSN404	Project 1
BSN405	Project 2
BSN409	Research Project
BSN501	Dissertation
BSN506	Econometric Methods
BSN507	Research Methods

**Note:** a maximum of 48 credit points for projects/dissertation may be selected

List 2:

(Enrolment in these units requires the prior approval of the Subject Area Coordinator)

AYN412	Company Law
AYN418	Financial Accounting 3
AYN438	Taxation Law and Practice
AYN443	Electronic Commerce Cycles, or

Another unit approved by the Subject Area Coordinator

\*In special cases where students need "top-up" units to meet Institute of Chartered Accountants in Australia or CPA Australia requirements, the Subject Area Coordinator may approve up to four units from List 2. In such cases, students must provide evidence of a qualifications assessment from the relevant professional body. International students who have not completed their undergraduate degree in Australia are permitted to take up to 4 units from the Professional Accounting major of this course. Up to 4 general electives may be taken from postgraduate units offered by other schools or faculties with the approval of the Subject Area Coordinator.

## ■ Master of Business (Human Resource Management) (BS93)

**Award title:** Master of Business (Human Resource Management)  
**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Greg Southey

### Other Majors

See also separate entries for the following majors in this course: Applied Finance, Financial Management, Forensic Accounting, Integrated Marketing Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, Professional Accounting, Public Management, and Public Relations.

### Course Design

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

This course may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

### Articulation

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

## Full-time Course Structure

### Year 1, Semester 1

IBN400	Industry Analysis
MGN505	Consulting and Change Management
MGN506	Contemporary Issues in HRM
MGN424	International Dimensions of HRM

### Year 1, Semester 2

MGN421	Strategic HRM
MGN422	Contemporary Issues and Practices in Employee Relations
MGN423	Contemporary Strategic Analysis
Elective unit	

### Year 2, Semester 1 (or Year 1, Summer Semester)

MGN404	Managing and Organising Global Firms
Elective unit	
Elective unit	
Elective unit	

## Part-time Course Structure

### Year 1, Semester 1

MGN506	Contemporary Issues in HRM
MGN424	International Dimensions of HRM

### Year 1, Semester 2

MGN422	Contemporary Issues and Practices in Employee Relations
Elective unit	

### Year 2, Semester 1

IBN400	Industry Analysis
MGN505	Consulting and Change Management

### Year 2, Semester 2

MGN421	Strategic HRM
MGN423	Contemporary Strategic Analysis

### Year 3, Semester 1

MGN404	Managing and Organising Global Firms
Elective unit	

### Year 3, Semester 2

Elective unit	
Elective unit	

## ■ Master of Business (Integrated Marketing Communication) (BS93)

**Award title:** Master of Business (Integrated Marketing Communication)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Bill Proud

### Other Majors

See also separate entries for the following majors in this course: Applied Finance, Financial Management, Forensic Accounting, Human Resource Management, International Business, Marketing, Philanthropy and Nonprofit Studies, Professional Accounting, Public Management, and Public Relations.

### Course Design

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

This course may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

## Articulation

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

## Full-time Course Structure

### Year 1, Semester 1

AMN400	Consumer Behaviour
AMN401	Integrated Marketing Communication
AMN403	Marketing and Survey Research
	Area Specialisation unit/Elective unit

### Year 1, Semester 2

AMN404	Readings in Integrated Marketing Communication
AMN405	Cases in Integrated Marketing Communication
BSN412	Qualitative Research and Analytical Techniques
	Area Specialisation unit

### Year 1, Summer Semester

AMN406	Project
	Area Specialisation unit
	Elective unit

## Part-time Course Structure

### Year 1, Semester 1

AMN400	Consumer Behaviour
AMN401	Integrated Marketing Communication

### Year 1, Semester 2

AMN403	Marketing and Survey Research
AMN404	Readings in Integrated Marketing Communication

### Year 2, Semester 1

BSN412	Qualitative Research and Analytical Techniques
	Area Specialisation unit

### Year 2, Semester 2

AMN405	Cases in Integrated Marketing Communication
	Area Specialisation unit

### Year 3, Semester 1

	Elective unit
	Area Specialisation unit / Elective unit

### Year 3, Semester 2

AMN406	Project
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## Area Specialisation Units

Students must select two of the following 12 credit point units:

AMN420	Advertising Management
AMN442	Marketing Management
AMN465	Public Relations Management

## Elective units

Students must select two of the following 12 credit point units:

AMN421	Contemporary Issues in Advertising
AMN422	Media Strategy
AMN423	Strategies for Creative Advertising
AMN443	Product and Service Innovation
AMN444	Services Marketing
AMN445	Strategic Marketing Management
AMN447	Contemporary Issues in Marketing
AMN448	Marketing for Online Services
AMN460	Corporate and Investor Relations
AMN461	Corporate Media Strategy and Tactics
AMN463	Public Opinion and Public Relations
AMN467	Public Relations Campaigns
AMN468	Issues and Crisis Management
KCP018	Creative Industries
KCP110	Global Media and Communications Policy
KCP348	Applied Media Communication
KCP349	Media Audiences

## ■ Master of Business (International Business) (BS93)

**Award title:** Master of Business (International Business)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Gary Chittick

## Other Majors

See also separate entries for the following majors in this course: Applied Finance, Financial Management, Forensic Accounting, Human Resource Management, Integrated Marketing Communication, Marketing, Philanthropy and Nonprofit Studies, Professional Accounting, Public Management, and Public Relations.

## Course Design

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

This course may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

## Articulation

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

## Suggested Full-time Course Structure

### Year 1, Semester 1

IBN408	Global Business Operations
IBN421	Marketing Internationally
	Regional Study Unit(s)
	and/or
	Elective unit(s)

### Year 1, Semester 2

EFN417	An Introduction to International Finance
IBN410	International Logistics Management
	Elective unit
	Regional Study Unit, or
	Elective unit

### Year 2, Semester 1

IBN409	Negotiating Across Borders
MGN423	Contemporary Strategic Analysis
	Elective unit
	Regional Study Unit, or
	Elective unit

**Note:** This is a suggested structure. Students who wish to undertake a different path should seek advice from the School of International Business.

## Suggested Part-time Course Structure

### Year 1, Semester 1

IBN408	Global Business Operations
IBN421	Marketing Internationally

### Year 1, Semester 2

EFN417	An Introduction to International Finance
IBN410	International Logistics Management

### Year 2, Semester 1

	Regional Study Unit
	Elective unit

### Year 2, Semester 2

MGN423	Contemporary Strategic Analysis
	Regional Study Unit

### Year 3, Semester 1

IBN409	Negotiating Across Borders
	Elective unit

### Year 3, Semester 2

	Elective unit
	Elective unit

**Note:** This is a suggested structure. Students who wish to undertake a different path should seek advice from the School of International Business.

## Regional Study Units

Students choose two units from the following:

IBN403	Business in Asia
IBN404	Business in Europe
IBN435	Business in Australia

## ■ Master of Business (International Business) Advanced (BS33)

**Location:** Gardens Point

**Course duration (full-time):** 4 semesters

**Course duration (part-time):** 8 semesters

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Gary Chittick

### Course Design

Students must complete 192 credit points consisting of a core of eight units (96 credit points) including two and only two regional study units, four elective units (48 credit points) or equivalent of postgraduate studies approved by the Course Coordinator, and an International Business Practicum (48 credit points).

### Articulation

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

### Suggested Full-time Course Structure

#### Year 1, Semester 1

IBN408	Global Business Operations
IBN421	Marketing Internationally
	Regional Study Unit(s)
	And/or
	Elective unit

#### Year 1, Semester 2

EFN417	An Introduction to International Finance
IBN409	Negotiating Across Borders
IBN410	International Logistics Management
	Regional Study Unit, or
	Elective unit

#### Year 2, Semester 1

International Business Practicum  
(Special pre-requisite conditions apply, timing and duration may not coincide with the standard teaching semester.)

#### Year 2, Semester 2

MGN423	Contemporary Strategic Analysis
	Elective unit, or
	Regional Studies Unit
	Elective unit
	Elective unit

**Note:** This is a suggested structure. Students who wish to undertake a different path should seek advice from the School of International Business.

### Suggested Part-time Course Structure

#### Year 1, Semester 1

IBN408	Global Business Operations
IBN421	Marketing Internationally

#### Year 1, Semester 2

EFN417	An Introduction to International Finance
IBN410	International Logistics Management

#### Year 2, Semester 1

IBN409	Negotiating Across Borders
	Regional Study Unit, or
	Elective unit

#### Year 2, Semester 2

MGN423	Contemporary Strategic Analysis
	Regional Study Unit, or
	Elective unit

#### Year 3, Semester 1

International Business Practicum  
(Special pre-requisite conditions apply, timing and duration may not coincide with the standard teaching semester. A full-time component will be required.)

#### Year 3, Semester 2

	Regional Study Unit
	Elective unit

#### Year 4, Semester 1

	Elective unit
	Elective unit

**Note:** This is a suggested structure. Students who wish to undertake a different path should seek advice from the School of International Business.

### International Business Practicum

Students must undertake 48 credit points from the following:

#### International Business Internship

IBN412 International Business Internship, or

#### International Field Studies comprising:

IBN411 International Business Field Study  
And

24 credit points from the following list:

BSN404	Project 1
BSN405	Project 2
BSN406	Project 3
IBN426	Special Topic International Business

**Note:** Special conditions apply for IBN412 and IBN411

## ■ Master of Business (Marketing) (BS93)

**Award title:** Master of Business (Marketing)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Bill Proud

### Other Majors

See also separate entries for the following majors in this course: Applied Finance, Financial Management, Forensic Accounting, Human Resource Management, Integrated Marketing Communication, International Business, Philanthropy and Nonprofit Studies, Professional Accounting, Public Management, and Public Relations.

### Course Design

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

This course may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

### Articulation

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

### Full-time Course Structure

#### Year 1, Semester 1

AMN403	Marketing and Survey Research
AMN442	Marketing Management
AMN443	Product and Service Innovation
AMN444	Services Marketing

#### Year 1, Semester 2

AMN400	Consumer Behaviour
AMN401	Integrated Marketing Communication
AMN445	Strategic Marketing Management



- AMN447 Contemporary Issues in Marketing  
**Year 1 Summer Semester**  
 Elective unit  
 Elective unit  
 AMN406 Project, or  
 Two Elective units (24 credit points)

### Part-time Course Structure

- Year 1, Semester 1**  
 AMN403 Marketing and Survey Research  
 AMN442 Marketing Management  
**Year 1, Semester 2**  
 AMN400 Consumer Behaviour  
 AMN401 Integrated Marketing Communication  
**Year 2, Semester 1**  
 AMN443 Product and Service Innovation  
 AMN444 Services Marketing  
**Year 2, Semester 2**  
 AMN445 Strategic Marketing Management  
 AMN447 Contemporary Issues in Marketing  
**Year 3, Semester 1**  
 Elective unit  
 Elective unit  
**Year 3, Semester 2**  
 AMN406 Project, or  
 Two Elective units (24 credit points)

## ■ Master of Business (Philanthropy & Nonprofit Studies) (BS93)

**Award title:** Master of Business (Philanthropy & Nonprofit Studies)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Dr Carol Dalglish

### Other Majors

See also separate entries for the following majors in this course: Applied Finance, Financial Management, Forensic Accounting, Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Professional Accounting, Public Management, and Public Relations.

### Course Design

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

This course may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

### Articulation

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

### Full-time Course Structure

- Year 1, Semester 1 / 6TP2 and 6TP3**  
 GSN233 Special Topic in Philanthropy and Nonprofit Studies  
 GSN481 Philanthropic and Nonprofit Frameworks of Governance  
 GSN482 Philanthropic and Nonprofit Economics  
 GSN483 Ethics for Philanthropic and Nonprofit Organisations

- GSN484 Management for Philanthropic and Nonprofit Organisations  
 Plus one Elective unit from the following:  
 AMN403 Marketing and Survey Research  
 BSN506 Econometric Methods  
 BSN507 Research Methods  
 BSN412 Qualitative Research and Analytical Techniques

### **Year 1, Semester 2 / 6TP4 and 6TP5**

- GSN224 Corporate Philanthropy  
 GSN408 Fundamentals of Marketing Management  
 GSN485 Legal Issues for Philanthropic and Nonprofit Organisations  
 GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations  
 GSN487 Marketing for the Nonprofit Sector  
 GSN488 Fundraising Development Principles\*  
 GSN489 Fundraising Development Techniques\*

### **Year 1, Summer Semester**

- BSN406 Project 3  
 Elective unit  
 BSN404 Project 1, or  
 Elective unit

\*These units replace GSN232 Fundraising Principles, but are subject to approval.

### Part-time Course Structure

- Year 1, Semester 1**  
 GSN481 Philanthropic and Nonprofit Frameworks of Governance  
 GSN482 Philanthropic and Nonprofit Economics  
 GSN483 Ethics for Philanthropic and Nonprofit Organisations  
 GSN484 Management for Philanthropic and Nonprofit Organisations  
**Year 1, Semester 2**  
 GSN408 Fundamentals of Marketing Management  
 GSN485 Legal Issues for Philanthropic and Nonprofit Organisations  
 GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations  
 GSN487 Marketing for the Nonprofit Sector  
**Year 2, Semester 1**  
 GSN233 Special Topic in Philanthropy and Nonprofit Studies  
 One Elective unit from the following:  
 AMN403 Marketing and Survey Research  
 BSN506 Econometric Methods  
 BSN507 Research Methods  
 BSN412 Qualitative Research and Analytical Techniques  
**Year 2, Semester 2**  
 GSN224 Corporate Philanthropy  
 GSN488 Fundraising Development Principles\*  
 GSN489 Fundraising Development Techniques\*  
**Year 3, Semester 1**  
 Elective unit  
 BSN404 Project 1, or  
 Elective unit  
**Year 3, Semester 2**  
 BSN406 Project 3  
 \*These units replace GSN232 Fundraising Principles, but are subject to approval.

## ■ Master of Business (Professional Accounting) (BS89)

**Award title:** Master of Business (Professional Accounting)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett, Director of Graduate Studies

**Discipline coordinator:** Ms Lynn Gallagher

### Course Discontinuation

Students should note that the University has approved a renaming and recoding of this course from semester 1, 2005 to BS93 Master of Business (Professional Accounting). However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the

duration. For course structure information please refer to the BS93 Master of Business (Professional Accounting) course entry.

## ■ Master of Business (Professional Accounting) (BS93)

**Award title:** Master of Business (Professional Accounting)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Ms Lyn Gallagher

### Other Majors

See also separate entries for the following majors in this course: Applied Finance, Financial Management, Forensic Accounting, Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, Public Management, and Public Relations.

### Professional Recognition

Students completing the Master of Business (Professional Accounting) degree meet the academic requirements for Associate membership of CPA Australia and enrolment in the CPA program and the academic requirements for enrolment in the CA program of the Institute of Chartered Accountants in Australia (ICAA).

### Course Design

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

This course may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

### Full-time Course Structure

#### Year 1, Semester 1

AYN410 Business Law and Ethics

AYN416 Financial Accounting 1

EFN405 Managerial Economics

EFN406 Managerial Finance

#### Year 1, Semester 2

AYN412 Company Law

AYN414 Cost Accounting

AYN417 Financial Accounting 2

AYN443 Electronic Commerce Cycles

#### Year 2, Semester 1

AYN411 Company Auditing

AYN418 Financial Accounting 3

AYN438 Taxation Law and Practice

AYN439 Management Accounting

### Part-time Course Structure

#### Year 1, Semester 1

AYN410 Business Law and Ethics

AYN416 Financial Accounting 1

#### Year 1, Semester 2

AYN412 Company Law

AYN417 Financial Accounting 2

#### Year 2, Semester 1

AYN411 Company Auditing

AYN418 Financial Accounting 3

#### Year 2, Semester 2

AYN414 Cost Accounting

AYN443 Electronic Commerce Cycles

#### Year 3, Semester 1

AYN438 Taxation Law and Practice

AYN439 Management Accounting

#### Year 3, Semester 2

EFN405 Managerial Economics

EFN406 Managerial Finance

## ■ Master of Business (Professional Accounting) Advanced (BS19)

**Award title:** Master of Business (Professional Accounting) Advanced

**CRICOS code:** 051817C

**Location:** Gardens Point

**Course duration (full-time):** 4 semesters

**Course duration (part-time):** 8 semesters

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Ms Lynn Gallagher

### Course Discontinuation

Students should note that the University has approved a renaming and recoding of this course from semester 1, 2005 to BS33 Master of Business (Professional Accounting) Advanced. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration. For course structure information please refer to the BS33 Master of Business (Professional Accounting) Advanced course entry.

## ■ Master of Business (Professional Accounting) Advanced (BS33)

**Location:** Gardens Point

**Course duration (full-time):** 4 semesters

**Course duration (part-time):** 8 semesters

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Ms Lyn Gallagher

### Professional Recognition

Students completing this course will meet the academic requirements for Associate membership of CPA Australia and enrolment in the CPA program and the academic requirements for enrolment in the CA program of the Institute of Chartered Accountants in Australia (ICAA).

### Course Design

Students must undertake 16 units (192 credit points) consisting of 12 prescribed units (144 credit points) and 4 approved elective units (48 credit points). If your course offer includes the condition that you must study EFB101 Data Analysis for Business, then this unit is to be taken in addition to the normal course requirements.

### Full-time Course Structure

#### Year 1, Semester 1

AYN410 Business Law and Ethics

AYN416 Financial Accounting 1

EFN405 Managerial Economics

EFN406 Managerial Finance

#### Year 1, Semester 2

AYN412 Company Law

AYN414 Cost Accounting

AYN417 Financial Accounting 2

AYN443 Electronic Commerce Cycles

### **Year 2, Semester 1**

AYN411	Company Auditing
AYN418	Financial Accounting 3
AYN438	Taxation Law and Practice
AYN439	Management Accounting

### **Year 2, Semester 2**

Approved Elective unit  
Approved Elective unit  
Approved Elective unit  
Approved Elective unit

### **Elective Unit List**

AYN413	Information Systems Governance and Audit
AYN419	Financial Modelling and Business Valuations
AYN424	International Accounting
AYN433	Research Topics in Accounting
AYN449	Enterprise Systems
AYN453	Financial Forensics and Business Intelligence
AYN454	Forensic Accounting and Investigation
AYN455	Electronic Business Foundations
AYN505	Dissecting Financial Statements
AYN507	Governance Issues in Accounting

### **Part-time Course Structure**

#### **Year 1, Semester 1**

AYN410	Business Law and Ethics
AYN416	Financial Accounting 1

#### **Year 1, Semester 2**

AYN412	Company Law
AYN417	Financial Accounting 2

#### **Year 2, Semester 1**

AYN411	Company Auditing
AYN418	Financial Accounting 3

#### **Year 2, Semester 2**

AYN414	Cost Accounting
AYN443	Electronic Commerce Cycles

#### **Year 3, Semester 1**

AYN438	Taxation Law and Practice
AYN439	Management Accounting

#### **Year 3, Semester 2**

EFN406	Managerial Finance
EFN405	Managerial Economics

#### **Year 4, Semester 1**

Approved Elective unit  
Approved Elective unit

#### **Year 4, Semester 2**

Approved Elective unit  
Approved Elective unit

### **Elective Unit List**

AYN413	Information Systems Governance and Audit
AYN419	Financial Modelling and Business Valuations
AYN424	International Accounting
AYN433	Research Topics in Accounting
AYN449	Enterprise Systems
AYN453	Financial Forensics and Business Intelligence
AYN454	Forensic Accounting and Investigation
AYN455	Electronic Business Foundations
AYN505	Dissecting Financial Statements
AYN507	Governance Issues in Accounting

## **■ Master of Business (Public Management) (BS93)**

**Award title:** Master of Business (Public Management)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Dr Kerry Brown

### **Other Majors**

See also separate entries for the following majors in this course:  
Applied Finance, Financial Management, Forensic Accounting,  
Human Resource Management, Integrated Marketing

Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, Professional Accounting and Public Relations.

### **Course Design**

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

This course may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

### **Articulation**

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

### **Full-time Course Structure**

#### **Year 1, Semester 1**

MGN402	Government-Business Relations
MGN425	The Context of Public Management
MGN517	Program Management and Evaluation Core Option unit

#### **Year 1, Semester 2**

MGN423	Contemporary Strategic Analysis
MGN426	International Trends in Public Management Core Option unit
MGN427	Human Resource Management, or
MGN421	Strategic HRM

#### **Year 2, Semester 1**

Elective unit  
Elective unit  
Elective unit  
Elective unit

#### **Core Option Units:**

Students select two of the following core option units:

AYN432	Public Sector Accounting and Governance
EFN405	Managerial Economics
JSP154	Human Rights and Global Justice
MGN516	Policy Analysis
MGN524	Special Topic in Management 1

### **Part-time Course Structure**

#### **Year 1, Semester 1**

MGN402	Government-Business Relations
MGN425	The Context of Public Management

#### **Year 1, Semester 2**

MGN426	International Trends in Public Management Core Option unit
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#### **Year 2, Semester 1**

MGN517	Program Management and Evaluation Core Option unit
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#### **Year 2, Semester 2**

	Elective unit
MGN421	Strategic HRM, or
MGN427	Human Resource Management

#### **Year 3, Semester 1**

Elective unit  
Elective unit

#### **Year 3, Semester 2**

MGN423	Contemporary Strategic Analysis Elective unit
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#### **Core Option Units:**

Students must select two units from the following:

AYN432	Public Sector Accounting and Governance
EFN405	Managerial Economics
JSP154	Human Rights and Global Justice
MGN516	Policy Analysis
MGN524	Special Topic in Management 1

## ■ Master of Business (Public Relations) (BS93)

**Award title:** Master of Business (Public Relations)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Bill Proud

### Other Majors

See also separate entries for the following majors in this course: Applied Finance, Financial Management, Forensic Accounting, Human Resource Management, Integrated Marketing Communication, International Business, Marketing, Philanthropy and Nonprofit Studies, Professional Accounting and Public Management.

### Course Design

Students are required to complete 144 credit points of units. Please refer to the course structures for information on specific unit requirements.

This course may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer semesters). In principle a student would be able to complete this course in three consecutive semesters, depending on the availability of units.

Students enrolled in the BS93 Master of Business who wish to exit early from this course and graduate with a Graduate Diploma in Business, may do so after they have successfully completed eight (8), 12 credit point units, where a minimum of six (6) units are within the same discipline area, approved by the Course Coordinator.

### Articulation

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

### Full-time Course Structure

#### Year 1, Semester 1

- AMN461 Corporate Media Strategy and Tactics
- AMN465 Public Relations Management
- AMN468 Issues and Crisis Management
- Major Core Elective unit

#### Year 1, Semester 2

- AMN460 Corporate and Investor Relations
- AMN463 Public Opinion and Public Relations
- AMN467 Public Relations Campaigns
- Major Core Elective unit

#### Year 1, Summer Semester or Year 2, Semester 1

- Elective unit
- Elective unit
- AMN406 Project, or
- Two Elective units (24 credit points)

#### Major Core Elective Units

Students select 2 of the following Major Core Elective units:

- AMN401 Integrated Marketing Communication
- AMN403 Marketing and Survey Research
- BSN412 Qualitative Research and Analytical Techniques

### Part-time Course Structure

#### Year 1, Semester 1

- AMN461 Corporate Media Strategy and Tactics
- AMN465 Public Relations Management

#### Year 1 Semester 2

- AMN460 Corporate and Investor Relations
- AMN463 Public Opinion and Public Relations

#### Year 2, Semester 1

- AMN468 Issues and Crisis Management
- Major Core Elective unit

#### Year 2, Semester 2

- AMN467 Public Relations Campaigns
- Major Core Elective unit

#### Year 3, Semester 1

- Elective unit
- Elective unit

#### Year 3, Semester 2

- AMN406 Project, or
- Two Elective units (24 credit points)

#### Major Core Elective Units

Students select 2 of the following Major Core Elective units:

- AMN401 Integrated Marketing Communication
- AMN403 Marketing and Survey Research
- BSN412 Qualitative Research and Analytical Techniques

## ■ Master of Business (Research) (BS92)

**Award title:** Master of Business (Research)

**CRICOS code:** 002329C

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters or 2 semesters

**Course duration (part-time):** 6 semesters or 4 semesters

**Total credit points:** 144 (without an Honours degree) or 96 (with an Honours degree and exemption for the coursework component)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Boris Kabanoff

**Discipline coordinators:** Associate Professor Christine Ryan (Accountancy); Associate Professor James Everett (Advertising, Marketing & Public Relations); Associate Professor Rodney Wolf (Economics and Banking & Finance); Dr Lisa Bradley (Human Resource Management and Management) and Dr Mark McGovern (International Business)

### Course Structure

#### Accountancy

Students must complete two prescribed units (24 credit points), two elective units (24 credit points), and a thesis (96 credit points) as follows: Two Compulsory Core units:

- AYN433 Research Topics in Accounting
- BSN507 Research Methods
- Plus two Elective units:
- These elective units may be taken from any approved 12 credit point postgraduate unit offered by the School of Accountancy or other postgraduate unit, subject to approval of the Subject Area Coordinator.
- Plus:
- BSN600 Thesis

#### Advertising

Students must complete two prescribed units (24 credit points), two elective units (24 credit points), and a thesis (96 credit points) as follows: Select two Compulsory Core units:

- AMN403 Marketing and Survey Research
- BSN502 Research Methodology
- BSN503 Research Seminar
- BSN412 Qualitative Research and Analytical Techniques
- Plus two Elective units:
- These elective units may be taken from any approved 12 credit point postgraduate unit in the specialisation area (Advertising), subject to approval of the Subject Area Coordinator.
- Plus:
- BSN600 Thesis

#### Banking & Finance

Students must complete three prescribed units (36 credit points), one elective unit (12 credit point), and a thesis (96 credit points) as follows:

- One Compulsory Core unit:
- BSN506 Econometric Methods
- Plus two Banking and Finance units:
- EFN504 Finance Honours
- EFN505 Financial Risk Management
- Plus one Elective unit:

This elective unit may be taken from any approved 12 credit point postgraduate unit offered by the Faculty of Business, subject to approval of the Subject Area Coordinator.

Plus:

BSN600 Thesis

#### **Economics**

Students must complete three prescribed units (36 credit points), one elective unit (12 credit points), and a thesis (96 credit points) as follows:

One Compulsory Core unit:

BSN506 Econometric Methods

Plus two Economics units:

EFN500 Contemporary Macroeconomic Theories

EFN502 Developments in Microeconomic Theories

Plus one Elective unit:

This elective unit may be taken from any approved 12 credit point postgraduate unit offered by the Faculty of Business, subject to approval of the Subject Area Coordinator.

Plus:

BSN600 Thesis

#### **Human Resource Management**

Under the umbrella of Human Resources Management, students may also be able to undertake a thesis in Employee Relations.

Students must complete four prescribed units (48 credit points) and a thesis (96 credit points) as follows:

Two Compulsory Core units:

BSN502 Research Methodology

BSN503 Research Seminar

Plus two Human Resource Management Units:

MGN506 Contemporary Issues in HRM

MGN508 HRM Cases

Plus:

BSN600 Thesis

#### **International Business**

Students must complete two prescribed units (24 credit points), two elective units (24 credit points), and a thesis (96 credit points) as follows:

Two Compulsory Core units:

BSN502 Research Methodology

BSN503 Research Seminar

Plus two Elective units:

These elective units may be taken from any approved 12 credit point postgraduate unit offered by the School of International Business, subject to approval of the Subject Area Coordinator.

Plus:

BSN600 Thesis

#### **Management**

Under the umbrella of Management, students may also be able to undertake a thesis in Public Management.

Students must complete four prescribed units (48 credit points), and a thesis (96 credit points) as follows:

Two Compulsory Core units:

BSN502 Research Methodology

BSN503 Research Seminar

Plus two Management units:

MGN501 Readings in Management

MGN507 Contemporary Issues in Management

Plus:

BSN600 Thesis

#### **Marketing**

Students must complete two prescribed units (24 credit points), two elective units (24 credit points), and a thesis (96 credit points) as follows:

Select two of the following Compulsory Core units:

AMN403 Marketing and Survey Research

BSN502 Research Methodology

BSN503 Research Seminar

BSN412 Qualitative Research and Analytical Techniques

Plus choose two Elective units:

These elective units may be taken from any approved 12 credit point postgraduate unit in the specialisation area (Marketing), subject to approval of the Subject Area Coordinator.

Plus:

BSN600 Thesis

#### **Public Relations**

Students must complete two prescribed units (24 credit points), two elective units (24 credit points), and a thesis (96 credit points) as follows:

Select two of the following Compulsory Core units:

AMN403 Marketing and Survey Research

BSN502 Research Methodology

BSN503 Research Seminar

BSN412 Qualitative Research and Analytical Techniques

Plus select two Elective units:

These elective units may be taken from any approved 12 credit point postgraduate unit in the specialisation area (Public Relations), subject to approval of the Subject Area Coordinator.

Plus:

BSN600 Thesis

### **■ Master of Business Administration (Major) (GS48)**

**Award title:** Master of Business Administration (Study Area A)

**CRICOS code:** 043117J

**Location:** Gardens Point

**Course duration (full-time):** 4 semesters

**Course duration (part-time):** 8 semesters. Alternatively, the course may be undertaken part-time over a period of up to 6 years.

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

#### **Course Design**

Students must complete 15 core units and 2 integrative core units of 6 credit points each and a major of 60 credit points in a particular study area, plus a further 30 credit points of electives which may be either 6 or 12 credit point units.

In line with other leading business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

#### **Course Structure**

The following 15 core units must be completed:

GSN401 Managing in the Global Business Environment

GSN403 Understanding Data

GSN404 Financial Statements Analysis 1

GSN405 Strategic Management

GSN406 Human Resource Management Issues

GSN407 Business Communication

GSN408 Fundamentals of Marketing Management

GSN409 Organisational Behaviour 1

GSN410 Entrepreneurship

GSN412 Business Law 1

GSN413 Financial Management 1

GSN415 Understanding Leadership

GSN460 Creative Problem Solving

GSN490 Managing Technological Innovation

GSN491 Economics in Business 1

Plus the following two Integrative core units:

GSN416 Business Plans 1

GSN473 Corporate Accountability and Governance

Plus 90 credit points of which students are required to undertake a major (60 credit points) in one of the study areas below and 30 credit points of elective units. Students may, through careful choice of elective units, attain concentrations (36 credit points) or minors (24 credit points) in the following areas:

Accounting

Arts & Cultural Management

Business Communication

Corporate Governance

Economics

Electronic Business

Entrepreneurship

Finance

Health Services Management  
Human Resource Management  
International Business  
Information Technology Management  
Leadership  
Marketing  
Philanthropy & Nonprofit Studies  
Project Management  
Strategy

For a list of units to be undertaken for Concentrations and Minors refer to the GS40 Master of Business Administration course structure.

## MAJORS

### Accounting

Core Units:  
GSN404 Financial Statements Analysis 1  
Required Units:  
GSN427 Financial Statement Analysis 2  
Elective units:  
Choose 48 credit points from the following elective units:  
AYN414 Cost Accounting  
AYN417 Financial Accounting 2  
AYN418 Financial Accounting 3  
AYN424 International Accounting  
AYN439 Management Accounting  
AYN443 Electronic Commerce Cycles

### Economics

Core Units:  
GSN491 Economics in Business 1  
Required Units:  
GSN492 Economics in Business 2\*  
Elective units:  
Choose 48 credit points from the following elective units:  
GSN454 Economics of Information and E-Commerce  
BSN506 Econometric Methods  
EFN410 Economic and Financial Modelling  
EFN500 Contemporary Macroeconomic Theories  
EFN502 Developments in Microeconomic Theories  
Students undertaking EFN500 and EFN502 would need to have completed the equivalent of a second year undergraduate degree at a recognised University. This would involve completing intermediate undergraduate macro and micro economics at the very least.  
\*this unit offering is subject to approval

### Entrepreneurship

Core Units:  
GSN410 Entrepreneurship  
Required Units:  
GSN416 Business Plans 1  
GSN420 New Venture Strategy  
GSN426 Business Plans 2  
GSN429 New Venture Marketing  
GSN430 New Venture Resourcing  
Elective units:  
Choose 24 credit points from the following elective units:  
GSN427 Financial Statement Analysis 2  
GSN431 New Venture Growth and Transitions  
GSN432 New Venture Leadership and HRM  
GSN434 Venture Capital  
GSN479 Spreadsheet Modelling for Managers

### Finance

Core Units:  
GSN413 Financial Management 1  
GSN491 Economics in Business 1  
Required Units:  
GSN423 Financial Management 2  
Elective units:  
Choose 42 credit points from the following elective units:  
GSN430 New Venture Resourcing  
GSN434 Venture Capital  
GSN479 Spreadsheet Modelling for Managers  
GSN492 Economics in Business 2\*  
EFN401 Advanced Financial Institutions Management  
EFN412 Advanced Managerial Finance  
EFN414 International Finance  
EFN415 Security Analysis

EFN416 Treasury and Portfolio Management  
EFN417 An Introduction to International Finance  
EFN501 Corporate and Commercial Lending  
EFN506 Advanced International Finance  
\*this unit offering is subject to approval

### Information Technology Management

Core Units:  
GSN490 Managing Technological Innovation  
Required Units:  
GSN470 E-Business  
Elective units:  
Choose 48 credit points from the following elective units:  
GSN435 Electronic Commerce  
GSN447 Strategic Internet Marketing 1  
GSN466 Technology Infrastructure Management  
GSN469 Internet Applications  
ITN220 Issues In IT Management  
ITN252 Process Engineering  
ITN255 Knowledge Management  
ITN266 Principles Of Information Management  
ITN272 Information Technology Project Management  
ITN330 Information Issues and Policy

### Research Studies

Required Units:  
BSN501 Dissertation  
BSN502 Research Methodology  
Plus either  
AMN403 Marketing and Survey Research, or  
BSN412 Qualitative Research and Analytical Techniques  
Elective Units:  
Students choose 24 credit points of elective units in chosen area of research (selected from required and elective units in the GS40 MBA concentration and minor list, or other units offered within the Faculty of Business and other Faculties at QUT, with the permission from the MBA Director)

## ■ Master of Business Administration (MBA) (GS40)

**Award title:** Master of Business Administration

**CRICOS code:** 003468F

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters. The course must be completed within a maximum time period of five years.

**Course duration (part-time):** 6 semesters. The course must be completed within a maximum time period of five years.

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Course Design

Students must complete 15 core units and 2 integrative core units of 6 credit points each and a further 42 credit points of elective units, which may be either 6 or 12 credit point units.

In line with other leading business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

### Course Structure

Students must complete the following 15 core units:  
GSN401 Managing in the Global Business Environment  
GSN403 Understanding Data  
GSN404 Financial Statements Analysis 1  
GSN405 Strategic Management  
GSN406 Human Resource Management Issues  
GSN407 Business Communication  
GSN408 Fundamentals of Marketing Management  
GSN409 Organisational Behaviour 1  
GSN410 Entrepreneurship  
GSN412 Business Law 1  
GSN413 Financial Management 1

GSN415	Understanding Leadership
GSN460	Creative Problem Solving
GSN490	Managing Technological Innovation
GSN491	Economics in Business 1
	Plus the following 2 Integrative core units:
GSN416	Business Plans 1
GSN473	Corporate Accountability and Governance
	Plus 42 credit points of elective units which may be undertaken as a concentration/minor

## MBA Concentrations and Minors

### Accounting

	Minor
	Core Unit:
GSN404	Financial Statements Analysis 1
	Required Unit:
GSN427	Financial Statement Analysis 2
	Elective Units:
	Choose 12 credit points from list of electives below
	Concentration
	Core Unit:
GSN404	Financial Statements Analysis 1
	Required Units:
GSN427	Financial Statement Analysis 2
	Elective Units:
	Choose 24 credit points from list of electives below
	Elective List:
AYN414	Cost Accounting
AYN417	Financial Accounting 2
AYN418	Financial Accounting 3
AYN424	International Accounting
AYN439	Management Accounting
AYN443	Electronic Commerce Cycles

### Arts & Cultural Management

	Minor
	Elective Units:
	Choose 24 credit points from list of electives below
	Concentration
	Elective Units:
	Choose 36 credit points from list of electives below
	Elective List:
GSN225	Business Development in Creative Industries
GSN226	Arts Policy and Strategy
GSN227	Arts and Cultural Management
GSN228	Marketing Arts and Culture
GSN488	Fundraising Development Principles*
GSN489	Fundraising Development Techniques*

\*These units replace GSN232 Fundraising Principles, but are subject to approval.

### Business Communication

	Minor
	Core Unit:
GSN407	Business Communication
	Required Unit:
GSN417	Effective Advocacy for Managers
	Elective Units:
	Choose 12 credit points from list of electives below
	Concentration
	Core Unit:
GSN407	Business Communication
	Required Unit:
GSN417	Effective Advocacy for Managers
	Elective Units:
	Choose 24 credit points from list of electives below
	Elective List:
GSN457	Organisational Communication and Influence
GSN462	Negotiation Strategies
AMN465	Public Relations Management
QCD110	Communication for Business 1
QCD210	Communication for Business 2

### Corporate Governance

	Minor
	Core Units:
GSN404	Financial Statements Analysis 1
GSN412	Business Law 1
	Required Units:

GSN472	Legal Principles of Corporate Governance
GSN473	Corporate Accountability and Governance
	Concentration
	Core Units:
GSN404	Financial Statements Analysis 1
GSN412	Business Law 1
	Required Units:
GSN472	Legal Principles of Corporate Governance
GSN473	Corporate Accountability and Governance
	Elective Units:
	Choose 12 credit points from list of electives below
	Elective List:
AYN412	Company Law
GSN224	Corporate Philanthropy
GSN233	Special Topic in Philanthropy and Nonprofit Studies
GSN405	Strategic Management
GSN415	Understanding Leadership
GSN422	Business Law 2
GSN427	Financial Statement Analysis 2
GSN456	Personal Development and Ethics for Managers
GSN480	Sustainable Development and Competitive Advantage
GSN483	Ethics for Philanthropic and Nonprofit Organisations
GSN484	Management for Philanthropic and Nonprofit Organisations
GSN485	Legal Issues for Philanthropic and Nonprofit Organisations
GSN486	Accounting Issues for Philanthropic & Nonprofit Organisations

### Economics

	Minor
	Core Unit:
GSN491	Economics in Business 1
	Required Unit:
GSN492	Economics in Business 2*
	Elective Units:
	Choose 12 credit points from list of electives below
	Concentration:
	Core Units:
GSN491	Economics in Business 1
	Required Units:
GSN492	Economics in Business 2*
	Elective Units:
	Choose 24 credit points from list of electives below
	Elective List:
GSN454	Economics of Information and E-Commerce
BSN506	Econometric Methods
EFN410	Economic and Financial Modelling
EFN500	Contemporary Macroeconomic Theories
EFN502	Developments in Microeconomic Theories
	Students undertaking EFN500 and EFN502 would need to have completed the equivalent of a second year undergraduate Economics degree at a recognised university. This would involve completing intermediate undergraduate macro and micro economics at the very least.
	*this unit offering is subject to final approval

### Electronic Business

	Minor
	Core Unit:
GSN490	Managing Technological Innovation
	Required Units:
GSN435	Electronic Commerce
GSN470	E-Business
	Elective Units:
	Choose 6 credit points from list of electives below
	Concentration
	Core Unit:
GSN490	Managing Technological Innovation
	Required Units:
GSN435	Electronic Commerce
GSN470	E-Business
	Elective Units:
	Choose 18 credit points from list of electives below
	Elective List:
AYN446	The Law of E-Commerce
AYN448	Management of Electronic Business Processes
GSN447	Strategic Internet Marketing 1
GSN448	Strategic Internet Marketing 2
GSN454	Economics of Information and E-Commerce
GSN466	Technology Infrastructure Management

GSN467	Knowledge Management
GSN469	Internet Applications
ITN260	E-Commerce Site Development
ITN266	Principles Of Information Management
ITN272	Information Technology Project Management

### Entrepreneurship

	Minor
	Core Unit:
GSN410	Entrepreneurship
	Required Units:
GSN416	Business Plans 1
GSN420	New Venture Strategy
	Elective Units:
	Choose 6 credit points from list of electives below
	Concentration
	Core Units:
GSN410	Entrepreneurship
	Required Units:
GSN416	Business Plans 1
GSN420	New Venture Strategy
	Elective Units:
	Choose 18 credit points from list of electives below
	Elective List:
GSN426	Business Plans 2
GSN429	New Venture Marketing
GSN430	New Venture Resourcing
GSN431	New Venture Growth and Transitions
GSN432	New Venture Leadership and HRM
GSN434	Venture Capital
GSN479	Spreadsheet Modelling for Managers

### Finance

	Minor
	Core Units:
GSN413	Financial Management 1
GSN491	Economics in Business 1
	Required Units:
GSN423	Financial Management 2
	Elective Units:
	Choose 6 credit points from list of electives below
	Concentration
	Core Units:
GSN413	Financial Management 1
GSN491	Economics in Business 1
	Required Units:
GSN423	Financial Management 2
	Elective Units:
	Choose 18 credit points from list of electives below
	Elective List:
GSN430	New Venture Resourcing
GSN434	Venture Capital
GSN479	Spreadsheet Modelling for Managers
GSN492	Economics in Business 2*
EFN401	Advanced Financial Institutions Management
EFN412	Advanced Managerial Finance
EFN414	International Finance
EFN415	Security Analysis
EFN416	Treasury and Portfolio Management
EFN417	An Introduction to International Finance
EFN501	Corporate and Commercial Lending
EFN506	Advanced International Finance
	*this unit offering is subject to final approval

### Health Services Management

	Minor
	Core Units:
GSN491	Economics in Business 1
	Required Units:
PUN692	Health Care Delivery Systems
	Elective Units:
	Choose 6 credit points from list of electives below
	Concentration
	Core Units:
GSN491	Economics in Business 1
	Required Units:
PUN692	Health Care Delivery Systems
	Elective Units:
	Choose 18 credit points from list of electives below

	Elective List:
GSN449	Public Sector and Social Marketing 1
LWS006	Health, Ethics And The Law
PUP415	Occupational and Environmental Health
PUN601	Contemporary Health Policies
PUN608	Health Economics
PUN609	Health Care Finance
PUN610	Health Services Management
PUN615	Advanced Health Service Management
PUN617	Environmental Health Management

### Human Resource Management

	Minor
	Core Units:
GSN406	Human Resource Management Issues
GSN409	Organisational Behaviour 1
	Required Units:
MGN427	Human Resource Management
	Concentration
	Core Units:
GSN406	Human Resource Management Issues
GSN409	Organisational Behaviour 1
	Required Units:
MGN427	Human Resource Management
	Elective Units:
	Choose 12 credit points from list of electives below
	Elective list:
GSN419	Organisational Behaviour 2
GSN432	New Venture Leadership and HRM
GSN452	International Human Resource Management
MGN505	Consulting and Change Management
MGN421	Strategic HRM
MGN422	Contemporary Issues and Practices in Employee Relations

### Information Technology Management

	Minor
	Required Units:
GSN470	E-Business
GSN490	Managing Technological Innovation
	Elective Units:
	Choose 12 credit points from list of electives below
	Concentration
	Required Units:
GSN470	E-Business
GSN490	Managing Technological Innovation
	Elective Units:
	Choose 24 credit points from list of electives below
	Elective List:
ITN220	Issues In IT Management
ITN252	Process Engineering
ITN255	Knowledge Management
ITN266	Principles Of Information Management
ITN272	Information Technology Project Management
ITN330	Information Issues and Policy

### International Business

	Minor
	Core Unit:
GSN401	Managing in the Global Business Environment
	Elective Units:
	Choose 18 credit points from list of electives below
	Concentration
	Core Unit:
GSN401	Managing in the Global Business Environment
	Elective Units:
	Choose 30 credit points from list of electives below
	Elective List:
GSN428	International Study Tour
GSN444	Special Topics 1
GSN452	International Human Resource Management
GSN462	Negotiation Strategies
AYN424	International Accounting
EFN414	International Finance
IBN403	Business in Asia
IBN404	Business in Europe
IBN409	Negotiating Across Borders
IBN410	International Logistics Management
IBN421	Marketing Internationally



IBN435 Business in Australia  
MGN404 Managing and Organising Global Firms

### Leadership

Minor  
Core Units:  
GSN407 Business Communication  
GSN415 Understanding Leadership  
Required Units:  
GSN425 Leadership Development  
Elective Units:  
Choose 6 credit points from list of electives below  
Concentration  
Core Units:  
GSN407 Business Communication  
GSN415 Understanding Leadership  
Required Units:  
GSN417 Effective Advocacy for Managers  
GSN425 Leadership Development  
Elective Units:  
Choose 12 credit points from list of electives below  
Elective List:  
GSN417 Effective Advocacy for Managers  
GSN432 New Venture Leadership and HRM  
GSN456 Personal Development and Ethics for Managers  
GSN457 Organisational Communication and Influence  
GSN460 Creative Problem Solving  
GSN480 Sustainable Development and Competitive Advantage  
MGN505 Consulting and Change Management

### Marketing

Minor  
Core Units:  
GSN408 Fundamentals of Marketing Management  
Required Units:  
GSN418 Marketing Strategy Development  
Elective Units:  
Choose 12 credit points from list of electives below  
Concentration  
Core Units:  
GSN408 Fundamentals of Marketing Management  
Required Units:  
GSN418 Marketing Strategy Development  
Elective Units:  
Choose 24 credit points from list of electives below  
Elective List:  
GSN429 New Venture Marketing  
GSN447 Strategic Internet Marketing 1  
GSN448 Strategic Internet Marketing 2  
GSN449 Public Sector and Social Marketing 1  
GSN479 Spreadsheet Modelling for Managers  
GSN487 Marketing for the Nonprofit Sector  
AMN400 Consumer Behaviour  
AMN401 Integrated Marketing Communication  
AMN403 Marketing and Survey Research  
AMN420 Advertising Management  
AMN421 Contemporary Issues in Advertising  
AMN423 Strategies for Creative Advertising  
AMN461 Corporate Media Strategy and Tactics  
AMN465 Public Relations Management

### Philanthropy and Nonprofit Studies

Minor  
Required Units:  
GSN224 Corporate Philanthropy  
GSN481 Philanthropic and Nonprofit Frameworks of Governance  
GSN482 Philanthropic and Nonprofit Economics  
Concentration  
Required Units:  
GSN224 Corporate Philanthropy  
GSN481 Philanthropic and Nonprofit Frameworks of Governance  
GSN482 Philanthropic and Nonprofit Economics  
Elective Units:  
Choose 12 credit points from list of electives below  
Elective List:  
GSN233 Special Topic in Philanthropy and Nonprofit Studies  
GSN483 Ethics for Philanthropic and Nonprofit Organisations  
GSN484 Management for Philanthropic and Nonprofit Organisations  
GSN485 Legal Issues for Philanthropic and Nonprofit Organisations

GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations  
GSN487 Marketing for the Nonprofit Sector  
GSN488 Fundraising Development Principles\*  
GSN489 Fundraising Development Techniques\*  
\*These units replace GSN232 Fundraising Principles, but are subject to approval.

### Project Management

Minor  
Required Units:  
GSN440 Risk Management 1  
GSN442 Project Management 1  
GSN443 Project Management 2  
Elective Units:  
Choose 6 credit points from list of electives below  
Concentration  
Required Units:  
GSN440 Risk Management 1  
GSN442 Project Management 1  
GSN443 Project Management 2  
Elective Units:  
Choose 18 credit points from list of electives below  
Elective List:  
GSN438 Production and Operations Management 1  
GSN439 Production and Operations Management 2  
GSN441 Risk Management 2  
GSN461 Making Change Work  
GSN477 Contract Management  
GSN479 Spreadsheet Modelling for Managers

### Strategy

Minor  
Core Units:  
GSN405 Strategic Management  
Required Units:  
GSN474 Strategy Planning & Development  
Elective Units:  
Choose 12 credit points from list of electives below  
Concentration  
Core Units:  
GSN405 Strategic Management  
Required Unit:  
GSN474 Strategy Planning & Development  
Elective Units:  
Choose 24 credit points from list of electives below  
Elective List:  
GSN420 New Venture Strategy  
GSN426 Business Plans 2  
GSN431 New Venture Growth and Transitions  
GSN461 Making Change Work  
GSN475 Strategic Analysis  
MGN505 Consulting and Change Management

## ■ Master of Business Administration/Master of Business(Applied Finance) (BS47)

**Award title:** Master of Business Administration/Master of Applied Finance

**CRICOS code:** 037552G

**Location:** Gardens Point

**Course duration (full-time):** 5 semesters. The course must be completed within a maximum time period of seven years.

**Course duration (part-time):** 10 semesters. The course must be completed within a maximum time period of seven years.

**Total credit points:** 240

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher (Brisbane Graduate School of Business); Associate Professor James Everett (Faculty of Business)

**Discipline coordinator:** Mr Mark Christensen (School of Economics and Finance)

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made

an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Professional Recognition

Provided a marketing unit is taken as an elective, or has been undertaken in another course, this course meets the educational requirements for Senior Associate status of the Australasian Institute of Banking and Finance (AIBF-Snr). Graduates may also meet the educational requirements for professional membership of The Financial and Treasury Association Ltd.

### Course Structure

From the MBA, the following 16 core, integrative and required units must be completed:

- Core Units:
- GSN401 Managing in the Global Business Environment
  - GSN403 Understanding Data
  - GSN404 Financial Statements Analysis 1
  - GSN405 Strategic Management
  - GSN406 Human Resource Management Issues
  - GSN407 Business Communication
  - GSN408 Fundamentals of Marketing Management
  - GSN409 Organisational Behaviour 1
  - GSN410 Entrepreneurship
  - GSN415 Understanding Leadership
  - GSN460 Creative Problem Solving
  - GSN490 Managing Technological Innovation
  - GSN491 Economics in Business 1
- Integrative Units:
- GSN416 Business Plans 1
  - GSN473 Corporate Accountability and Governance
- Required Units:
- GSN492 Economics in Business 2\*
- \*this unit is subject to approval  
Plus 24 credit points of MBA elective units, undertaken as a concentration/minor in an area other than Finance, as listed below:
- Accounting
  - Arts & Cultural Management
  - Business Communication
  - Corporate Governance
  - Electronic Business
  - Economics
  - Entrepreneurship
  - Human Resource Management
  - International Business
  - Information Technology Management
  - Leadership
  - Marketing
  - Philanthropy & Nonprofit Studies
  - Project Management
  - Strategy
- For a list of units to be undertaken for Concentrations and Minors refer to the GS40 Master of Business Administration course structure.  
From the Master of Business (Applied Finance), the following units must be completed:
- EFN406 Managerial Finance
  - EFN412 Advanced Managerial Finance
  - EFN413 Securities Law
  - EFN414 International Finance
  - EFN415 Security Analysis
  - EFN505 Financial Risk Management
  - EFN507 Advanced Capital Budgeting
  - BSN404 Project 1
- Plus 24 credit points of EFN-coded elective units

### ■ Master of Commerce (BS94)

**Award title:** Master of Commerce

**CRICOS code:** 020304G

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett, Director of Graduate Studies

**Discipline coordinators:** Accounting: Associate Professor Peter Best. Banking and Finance: Mr Peter Whelan

### Course Discontinuation

Students should note that the University has approved a renaming and recoding of this course from semester 1, 2005. The Accounting major of this course has been renamed and restructured to BS93 Master of Business (Forensic Accounting) and the Banking and Finance major of this course has been renamed and recoded to BS93 Master of Business (Financial Management). However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration. For course structure information please refer to the relevant course entries for BS93 Master of Business in Forensic Accounting and Financial Management.

### ■ Master of Entrepreneurship and Innovation (GS45)

**Award title:** Master of Entrepreneurship and Innovation

**CRICOS code:** 043122A

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters. The course must be completed within a maximum time period of five years.

**Course duration (part-time):** 6 semesters. The course must be completed within a maximum time period of five years.

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Course Design

Students must complete 11 core and 7 required units from the MBA (Entrepreneurship) program, plus 36 credit points of masters level coursework units in a subject area pertaining to their proposed technology innovation.

Students must obtain approval from the MBA Director before undertaking particular elective units. In all cases students will need to convince the MBA Director that the electives chosen are related to the proposed new venture.

The MBA units require the development of strategic, marketing, and financial plans for a new venture prior to the completion of a formal business plan.

The program is inherently flexible in that units may be taken in a variety of possible sequences, depending on student interest, and availability of the technology units in any given semester. Note that core or elective units may be taken in earlier or later teaching periods (if pre-requisites are respected) to accommodate the schedule of offering for a particular unit/s.

### Advanced Standing

Applicants who have already completed a Masters or Doctoral Degree in their technology area may be awarded up to 36 credit points of prior study upon admission to the Master of Entrepreneurship and Innovation program for relevant postgraduate technology units taken within the past five years.

### Course Structure

*The following eleven (11) MBA core units must be completed:*

- GSN401 Managing in the Global Business Environment
- GSN402 Strategic Use of Information Technology
- GSN404 Financial Statements Analysis 1
- GSN405 Strategic Management

GSN408	Fundamentals of Marketing Management
GSN410	Entrepreneurship
GSN411	Economics of Strategy 1
GSN412	Business Law 1
GSN413	Financial Management 1
GSN415	Understanding Leadership
GSN416	Business Plans 1

**Plus the following seven (7) required units:**

GSN418	Marketing Strategy Development
GSN420	New Venture Strategy
GSN426	Business Plans 2
GSN427	Financial Statement Analysis 2
GSN429	New Venture Marketing
GSN430	New Venture Resourcing
GSN460	Creative Problem Solving

**Technology Innovation Elective Units**

Plus an additional 36cp Masters level coursework units in a subject area pertaining to a proposed technology innovation.

The postgraduate coursework in a technology field may be at the Masters level or higher, depending on the prior degrees already held by the individual.

## ■ Master of Entrepreneurship and Innovation/Master of Business Administration (GS49)

**Award title:** Master of Entrepreneurship and Innovation/Master of Business Administration

**CRICOS code:** 046046F

**Location:** Gardens Point

**Course duration (full-time):** 5 semesters. The course must be completed within a maximum time period of seven years.

**Course duration (part-time):** 10 semesters. The course must be completed within a maximum time period of seven years.

**Total credit points:** 240

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Course Discontinuation

Students should note that this course will be discontinued.

However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Course Design

Students must complete 16 core and 7 required units, of 6 credit points each from the MBA (Entrepreneurship) program, 36 credit points of masters level coursework units in a subject area pertaining to a proposed technology innovation plus a further 66 credit points of postgraduate business elective units.

Students must obtain approval from the MBA Director before undertaking particular elective units. In all cases students will need to convince the MBA Director that the electives chosen are related to the proposed new venture.

Students may enrol simultaneously or sequentially in the Master of Entrepreneurship and Innovation and the MBA program and complete both awards in a minimum of five semesters full time.

The postgraduate coursework in a technology field may be at the Masters level or higher, depending on the prior degrees already held by the individual.

### Advanced Standing

Applicants who have already completed a Masters or Doctoral Degree in their technology area may be awarded up to 36 credit points of prior study upon admission to the Master of Entrepreneurship and Innovation program for relevant postgraduate technology units taken within the past five years.

### Course Structure

The following sixteen (16) MBA core units must be completed:

GSN401	Managing in the Global Business Environment
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GSN402	Strategic Use of Information Technology
GSN403	Understanding Data
GSN404	Financial Statements Analysis 1
GSN405	Strategic Management
GSN406	Human Resource Management Issues
GSN407	Business Communication
GSN408	Fundamentals of Marketing Management
GSN409	Organisational Behaviour 1
GSN410	Entrepreneurship
GSN411	Economics of Strategy 1
GSN412	Business Law 1
GSN413	Financial Management 1
GSN414	Business Conditions Analysis 1
GSN415	Understanding Leadership
GSN416	Business Plans 1

**Plus the following required units:**

GSN420	New Venture Strategy
GSN418	Marketing Strategy Development
GSN426	Business Plans 2
GSN427	Financial Statement Analysis 2
GSN429	New Venture Marketing
GSN430	New Venture Resourcing
GSN460	Creative Problem Solving

Plus students must undertake 66 credit points of postgraduate business elective units

Plus students must undertake 36 credit points of masters level coursework units in a subject area pertaining to a proposed technology innovation. Depending on the subject area of the proposed technology innovation, these electives may be taken from any Faculty, including Business.

The postgraduate coursework in a technology field may be at the Masters level or higher, depending on the prior degrees already held by the individual.

## ■ Master of International Business (BS66)

**Award title:** Master of International Business

**CRICOS code:** 046045G

**Location:** Gardens Point

**Course duration (full-time):** 4 semesters

**Course duration (part-time):** 7 semesters (6 semesters part-time and 1 semester full-time)

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett, Director of Graduate Studies

**Discipline coordinator:** Mr Gary Chittick

### Course Discontinuation

Students should note that the University has approved a renaming and recoding of this course from semester 1, 2005 to BS33 Master of Business (International Business) Advanced. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration. For course structure information please refer to the BS33 Master of Business (International Business) Advanced course entry.

## ■ Master of International Business Studies (BS65)

**Award title:** Master of International Business Studies

**CRICOS code:** 046048D

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett, Director of Graduate Studies

**Discipline coordinator:** Mr Gary Chittick

### Course Discontinuation

Students should note that the University has approved a renaming and recoding of this course from semester 1, 2005 to BS93 Master of Business (International Business). However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration. For course structure information please refer to the BS93 Master of Business (International Business) course entry.

## ■ Executive Master of Business

### Administration (GS50)

**Award title:** Executive Master of Business Administration

**Location:** Gardens Point

**Course duration (full-time):** 20 months (intensive mode) commencing November

**Course coordinator:** Dr Caroline Hatcher

### Course Design

Students are required to undertake 15 core units and 2 integrative core units of 6 credit points each and a further 42 credit points of elective units.

The intake for the EMBA is in November and the program runs for 20 months. Classes are scheduled once a month over a Friday to Sunday weekend session, with 20 hours of classes per weekend session each month of the program plus two residential sessions of 10-14 days in January of each year. The intensive block sessions allow the students to schedule some dedicated time to study with minimal interference to their business commitments.

Two intensive sessions of 13-15 days are scheduled each January. The final intensive session includes an International Study Tour to one China.

### Course Structure

Students must complete the following 15 core units:

- GSN401 Managing in the Global Business Environment
  - GSN403 Understanding Data
  - GSN404 Financial Statements Analysis 1
  - GSN405 Strategic Management
  - GSN406 Human Resource Management Issues
  - GSN407 Business Communication
  - GSN408 Fundamentals of Marketing Management
  - GSN409 Organisational Behaviour 1
  - GSN410 Entrepreneurship
  - GSN412 Business Law 1
  - GSN413 Financial Management 1
  - GSN415 Understanding Leadership
  - GSN460 Creative Problem Solving
  - GSN490 Managing Technological Innovation
  - GSN491 Economics in Business 1
- Plus two Integrative core units:
- GSN416 Business Plans 1
  - GSN473 Corporate Accountability and Governance
- Plus the following 42 credit points of Elective Units:
- GSN425 Leadership Development
  - GSN428 International Study Tour
  - GSN445 Special Topic 2
  - GSN455 Special Topic 3
  - GSN462 Negotiation Strategies
  - GSN474 Strategy Planning & Development
  - GSN480 Sustainable Development and Competitive Advantage

Students may choose other electives available in the weekday delivery schedule.

Concentration and minors may be attainable through the choice of elective units other than those listed above. Concentrations and minors are listed within the GS40 Master of Business Administration course structure.

## ■ International Master of Business

### Administration (GS44)

**Award title:** Master of Business Administration

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters. Normally, the course can be completed in 14-16 months.

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Caroline Hatcher

### Course Design

Students must complete 144 credit points. The IMBA course structure is equivalent to that of the existing MBA structure, where the equivalent of one semester full-time study is undertaken at three institutions.

Students undertake studies at QUT and select two of the following partner institutions: ESC-Grenoble, (France); Shanghai Jiao Tong, (China); Copenhagen Business School, (Denmark); Jönköping International Business School, (Sweden); and the Indian Institute of Management-Bangalore, (India).

Each student will be required to write a major paper (12cp) of Master's level standard relating to doing business with each of the overseas countries in which they study, under the supervision of a QUT academic, and submit it for evaluation by that QUT academic for credit to their MBA program.

### Course Structure

**Units to be completed at QUT:**

Core Units:

- GSN401 Managing in the Global Business Environment
- GSN403 Understanding Data
- GSN404 Financial Statements Analysis 1
- GSN412 Business Law 1
- GSN460 Creative Problem Solving
- GSN490 Managing Technological Innovation

Plus 2 Integrative Core units:

- GSN416 Business Plans 1
  - GSN473 Corporate Accountability and Governance
- Plus 2 Required units:

- GSN221 Special Topic 1
- GSN222 Special Topic 2, or
- IBN403 Business in Asia
- IBN404 Business in Europe

**Units to be completed at other universities:**

Core Units:

- GSN405 Strategic Management
- GSN406 Human Resource Management Issues
- GSN407 Business Communication
- GSN409 Organisational Behaviour 1
- GSN408 Fundamentals of Marketing Management
- GSN410 Entrepreneurship
- GSN413 Financial Management 1
- GSN415 Understanding Leadership
- GSN491 Economics in Business 1

Plus Elective units:

18 credit points of elective units

#units are subject to availability at partner institution.

Students may need to complete some of these units at QUT and/or may take the following units at the respective partner institution, in order to meet the program requirements:

- GSN401 Managing in the Global Business Environment
- GSN403 Understanding Data
- GSN404 Financial Statements Analysis 1

## ■ Graduate Diploma in Advanced

### Accounting (BS70)

**Award title:** Graduate Diploma in Advanced Accounting

**CRICOS code:** 003481J

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Associate Professor Peter Best (Accountancy); Mr Peter Whelan (Banking & Finance)

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Course Design

Students must complete eight units (96 credit points total) in one of the following Study Areas:

#### Accounting Study Area:

Students must complete a minimum of six units from Lists 1, 2, and 3. \* All students are required to complete the four Accounting core units (48 credit points) as shown in List 1. Up to four units are to be selected from List 2. Up to two general electives may be taken from postgraduate units offered by other schools or faculties with the approval of the Subject Area Coordinator.

\*In special cases where students need 'top-up' units to meet Institute of Chartered Accountants in Australia or CPA Australia requirements, the Subject Area Coordinator may approve up to four units from List 3. In such cases, students must provide evidence of a qualifications assessment from the relevant professional body. Students without knowledge of Australian professional standards and legislation should contact the Subject Area Coordinator for enrolment advice.

#### Banking and Finance Study Area:

Students must complete a minimum of six units from List 4. Up to two postgraduate units (24 credit points) may be selected as general electives subject to the approval of the Subject Area Coordinator.

### Unit Lists

#### List 1 Accounting Core Units

- AYN455 Electronic Business Foundations
- AYN505 Dissecting Financial Statements
- AYN506 Strategic Management Accounting
- AYN507 Governance Issues in Accounting

#### List 2 Accounting Elective Units

- AYN405 Advanced Tax Planning
- AYN413 Information Systems Governance and Audit
- AYN419 Financial Modelling and Business Valuations
- AYN424 International Accounting
- AYN432 Public Sector Accounting and Governance
- AYN454 Forensic Accounting and Investigation
- AYN449 Enterprise Systems
- AYN453 Financial Forensics and Business Intelligence

#### List 3 Professional Accounting Units

- Enrolment in these units requires the prior approval of the Subject Area Coordinator
- AYN412 Company Law
- AYN418 Financial Accounting 3
- AYN438 Taxation Law and Practice
- AYN443 Electronic Commerce Cycles, or
- Another unit approved by the Subject Area Coordinator

#### List 4 Banking and Finance Units

- EFN401 Advanced Financial Institutions Management
- EFN410 Economic and Financial Modelling
- EFN416 Treasury and Portfolio Management
- EFN500 Contemporary Macroeconomic Theories
- EFN501 Corporate and Commercial Lending
- EFN502 Developments in Microeconomic Theories
- EFN504 Finance Honours
- EFN505 Financial Risk Management
- EFN506 Advanced International Finance
- EFN507 Advanced Capital Budgeting

**Note:** All units may not be offered every year.

## ■ Graduate Diploma in Applied Finance (BS96)

**Award title:** Graduate Diploma in Applied Finance

**CRICOS code:** 027282G

**Location:** Gardens Point

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Mark Christensen

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Course Design

Students must complete eight units (96 credit points).

Some applicants may require unit substitution where they have studied the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on approval of the Director of Graduate Studies.

### Professional Recognition

Provided the student has an undergraduate degree, and a marketing unit is taken as the elective, or has been undertaken in another course, this course meets the educational requirements for Senior Associate status of the Australasian Institute of Banking and Finance AIBF (Snr). If the student does not have an undergraduate degree, and a marketing unit is taken as the elective, or has been undertaken in another course, this course meets the educational requirements for Associate status of the Australasian Institute of Banking and Finance (AIBF).

### Part-time Course Structure

#### Semester 1

- EFN405 Managerial Economics
- EFN406 Managerial Finance

#### Semester 2

- EFN414 International Finance
- EFN415 Security Analysis

#### Semester 3

- EFN412 Advanced Managerial Finance
- MGN409 Introduction to Management

#### Semester 4

- EFN413 Securities Law
- Elective unit
- The elective may be selected from available postgraduate units offered by the Faculty, subject to approval

## ■ Graduate Diploma in Entrepreneurship and Innovation (GS46)

**Award title:** Graduate Diploma in Entrepreneurship and Innovation

**CRICOS code:** 046047E

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters. The course must be completed within a maximum time period of three years.

**Course duration (part-time):** 4 semesters. The course must be completed within a maximum time period of three years.

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Course Design

Students must complete 8 core and 6 required units, of 6 credit points each from the MBA (Entrepreneurship) program plus 12 credit points of masters level coursework units in a subject area pertaining to a proposed technology innovation.

Students who complete the Graduate Diploma may be eligible to articulate into the Master of Entrepreneurship and Innovation. Alternatively, students may exit the Master of Entrepreneurship and Innovation program with the Graduate Diploma award providing they have satisfied the credit requirements with no more than 12 credit points with grade of 3 within their 96 credit points.

### Course Structure

*The following eight (8) core units must be completed:*

GSN401	Managing in the Global Business Environment
GSN402	Strategic Use of Information Technology
GSN404	Financial Statements Analysis 1
GSN405	Strategic Management
GSN408	Fundamentals of Marketing Management
GSN410	Entrepreneurship
GSN413	Financial Management 1
GSN416	Business Plans 1

*Plus the following 36 credit points of required units:*

GSN418	Marketing Strategy Development
GSN420	New Venture Strategy
GSN426	Business Plans 2
GSN429	New Venture Marketing
GSN430	New Venture Resourcing
GSN460	Creative Problem Solving

### Technology Innovation Units

Plus an additional 12cp Masters level coursework units in a subject area pertaining to a proposed technology innovation. The postgraduate coursework in a technology field may be at the Masters level or higher, depending on the prior degrees already held by the individual.

## ■ Graduate Diploma in International Business (BS64)

**Award title:** Graduate Diploma in International Business

**CRICOS code:** 046053G

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Mr Gary Chittick

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Course Structure

#### Core Units

Choose any five of the following units:

EFN417	An Introduction to International Finance
IBN408	Global Business Operations
IBN409	Negotiating Across Borders
IBN410	International Logistics Management
IBN421	Marketing Internationally
MGN423	Contemporary Strategic Analysis

#### Regional Study Units

Plus choose one of the following units:

IBN403	Business in Asia
IBN404	Business in Europe
IBN435	Business in Australia

#### Elective Units

Plus choose two elective units (24 credit points) or equivalent of postgraduate studies, approved by the Course Coordinator.

## ■ Graduate Diploma in Philanthropy & Nonprofit Studies (BS95)

**Award title:** Graduate Diploma in Philanthropy & Nonprofit Studies

**Location:** Gardens Point

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Professor Myles McGregor-Lowndes

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Course Design

Students must complete eight units (96 credit points in total). The course is undertaken on a full-time or part-time basis.

Some applicants may require unit substitution where they have studied the equivalent of some introductory units in their undergraduate qualification. Choice of unit substitution will be undertaken in conjunction with and on the approval of the Director of Graduate Studies.

### Articulation with Masters Programs

Students who successfully complete the Graduate Diploma in Philanthropy & Nonprofit Studies can articulate into the BS93 Master of Business (Philanthropy & Nonprofit Studies). Students who have completed the Graduate Diploma in Philanthropy & Nonprofit Studies will need to undertake a further 48 credit points of specified study in order to gain a Master of Business (Philanthropy & Nonprofit Studies).

### Full-time Course Structure

#### Year 1, Semester 1 / 6TP2 and 6TP3

GSN233	Special Topic in Philanthropy and Nonprofit Studies
GSN481	Philanthropic and Nonprofit Frameworks of Governance
GSN482	Philanthropic and Nonprofit Economics
GSN483	Ethics for Philanthropic and Nonprofit Organisations
GSN484	Management for Philanthropic and Nonprofit Organisations
Plus select one elective unit from the following list:	
AMN403	Marketing and Survey Research
BSN506	Econometric Methods
BSN507	Research Methods
BSN412	Qualitative Research and Analytical Techniques

#### Year 1, Semester 2 / 6TP4 and 6TP5

GSN224	Corporate Philanthropy
GSN408	Fundamentals of Marketing Management
GSN485	Legal Issues for Philanthropic and Nonprofit Organisations
GSN486	Accounting Issues for Philanthropic & Nonprofit Organisations
GSN487	Marketing for the Nonprofit Sector
GSN488	Fundraising Development Principles*
GSN489	Fundraising Development Techniques*

\*These units replace GSN232 Fundraising Principles, but are subject to approval.

### Part-time Course Structure

#### Year 1, Semester 1 / 6TP2 and 6TP3

GSN481	Philanthropic and Nonprofit Frameworks of Governance
GSN482	Philanthropic and Nonprofit Economics
GSN483	Ethics for Philanthropic and Nonprofit Organisations
GSN484	Management for Philanthropic and Nonprofit Organisations

#### Year 1, Semester 2 / 6TP4 and 6TP5

GSN408	Fundamentals of Marketing Management
GSN485	Legal Issues for Philanthropic and Nonprofit Organisations
GSN486	Accounting Issues for Philanthropic & Nonprofit Organisations
GSN487	Marketing for the Nonprofit Sector

#### Year 2, Semester 1

GSN233	Special Topic in Philanthropy and Nonprofit Studies
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And one elective unit from the following list:  
 AMN403 Marketing and Survey Research  
 BSN412 Qualitative Research and Analytical Techniques  
 BSN506 Econometric Methods  
 BSN507 Research Methods  
**Year 2, Semester 2**  
 GSN224 Corporate Philanthropy  
 GSN488 Fundraising Development Principles\*  
 GSN489 Fundraising Development Techniques\*  
 \*These units replace GSN232 Fundraising Principles, but are subject to approval.

## ■ Graduate Diploma in Public Relations (BS72)

**Award title:** Graduate Diploma in Public Relations  
**CRICOS code:** 009035E  
**Location:** Gardens Point  
**Course duration (full-time):** 2 semesters  
**Course duration (part-time):** 4 semesters  
**Total credit points:** 96  
**Standard credit points per semester (full-time):** 48  
**Standard credit points per semester (part-time):** 24  
**Course coordinator:** Associate Professor James Everett  
**Discipline coordinator:** Mr Bill Proud

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Course Design

Students must complete eight units (96 credit points) comprising of six major core units (72 credit points) and two elective units (24 credit points).

### Articulation to Masters programs

Students who enrol in the Graduate Diploma in Public Relations can articulate into the Master of Business (Public Relations). Students who have completed this course structure would need to undertake a further 48 credit points of specified units in order to gain a Master of Business.

### Full-time Course Structure

#### Year 1, Semester 1

AMN461 Corporate Media Strategy and Tactics  
 AMN465 Public Relations Management  
 Elective unit \*  
 Plus one of the following units:  
 AMN403 Marketing and Survey Research  
 AMN460 Corporate and Investor Relations  
 AMN467 Public Relations Campaigns  
 AMN468 Issues and Crisis Management  
 BSN412 Qualitative Research and Analytical Techniques

#### Year 1, Semester 2

AMN463 Public Opinion and Public Relations  
 Elective unit\*  
 Plus two of the following:  
 AMN403 Marketing and Survey Research  
 AMN460 Corporate and Investor Relations  
 AMN467 Public Relations Campaigns  
 AMN468 Issues and Crisis Management  
 BSN412 Qualitative Research and Analytical Techniques  
 \*Any approved School of Advertising, Marketing and Public Relations postgraduate unit.

### Part-time Course Structure

#### Year 1, Semester 1

AMN465 Public Relations Management  
 AMN461 Corporate Media Strategy and Tactics

#### Year 1, Semester 2

AMN463 Public Opinion and Public Relations  
 Elective unit\*

#### Year 2, Semester 1

Elective unit\*  
 Plus one of the following:

AMN403 Marketing and Survey Research  
 AMN460 Corporate and Investor Relations  
 AMN467 Public Relations Campaigns  
 AMN468 Issues and Crisis Management  
 BSN412 Qualitative Research and Analytical Techniques

#### Year 2, Semester 2

Two of the following  
 AMN403 Marketing and Survey Research  
 AMN460 Corporate and Investor Relations  
 AMN467 Public Relations Campaigns  
 AMN468 Issues and Crisis Management  
 BSN412 Qualitative Research and Analytical Techniques  
 \* Any approved School of Advertising, Marketing and Public Relations postgraduate unit.

## ■ Graduate Diploma of Business Administration (GS41)

**Award title:** Graduate Diploma of Business Administration  
**CRICOS code:** 002621K  
**Location:** Gardens Point

**Course duration (full-time):** 2 semesters. The course must be completed within a maximum time period of four years.  
**Course duration (part-time):** 4 semesters. The course must be completed within a maximum time period of four years.

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Ann Hatcher

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration. This course will become an exit award only, from semester 1, 2006.

### Course Design

Students must complete a minimum of 12 units (72cp) from the MBA core and no more than 4 units (24cp) of electives.

In line with other leading business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

### Course Structure

Students must complete a minimum 12 of the following 16 units, with the remaining being electives or core units not yet completed:

GSN401 Managing in the Global Business Environment  
 GSN403 Understanding Data  
 GSN404 Financial Statements Analysis 1  
 GSN405 Strategic Management  
 GSN406 Human Resource Management Issues  
 GSN407 Business Communication  
 GSN408 Fundamentals of Marketing Management  
 GSN409 Organisational Behaviour 1  
 GSN410 Entrepreneurship  
 GSN412 Business Law 1  
 GSN413 Financial Management 1  
 GSN415 Understanding Leadership  
 GSN460 Creative Problem Solving  
 GSN490 Managing Technological Innovation  
 Concentrations and Minors  
 GSN491 Economics in Business 1

Students may complete one or more concentration and/or minor through careful choice of their 24 credit points of electives. Students with a prior degree in a business major may be allowed to bypass some introductory core units and take additional electives instead, and thus complete additional minors or concentrations. Students must seek advice from BGSB Student Services before applying for credit or substitutions. For a list of units to be undertaken for Concentrations and Minors refer to the GS40 Master of Business Administration course structure.

## ■ Graduate Certificate in Business (BS39)

**Award title:** Graduate Certificate in Business (Study Area A)

**CRICOS code:** 031769E

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Associate Professor Peter Best

(Accounting); Mr Bill Proud (Advertising, Integrated Marketing Communication, Marketing, Public Relations); Mr Mark Christensen (Applied Finance); Ms Joanne Jacobs (Arts & Cultural Management); Mr Greg Southey (Human Resource Management); Ms Claire Gardiner (Human Resource Development); Mr Gary Chittick (International Business); Professor Myles McGregor-Lowndes (Philanthropy & Nonprofit Studies) and Public Management (Dr Kerry Brown)

### Course Design

Students are required to complete 4 units or 48 credit points.

### Articulation

With approval of the relevant Subject Area Coordinator in conjunction with and approval of the Course Coordinator, students may articulate from the Graduate Certificate in Business to one of the following courses, depending on the specialisation undertaken. Students will have to meet the entry requirements and/or the prerequisites for further study.

BS93 Master of Business (International Business) or BS33 Master of Business (International Business) Advanced for students completing the Graduate Certificate in Business (International Business).

BS93 Master of Business (Advertising)\* for students completing the Graduate Certificate in Business (Advertising).

BS93 Master of Business (Marketing) for students completing the Graduate Certificate in Business (Marketing).

BS93 Master of Business (Public Relations) for students completing the Graduate Certificate in Business (Public Relations).

BS93 Master of Business (Advertising)\* or BS93 Master of Business (Integrated Marketing Communications) or BS93 Master of Business (Marketing) or BS93 Master of Business (Public Relations) for students completing the Graduate Certificate in Business (Integrated Marketing Communication).

BS93 Master of Business (Human Resource Management) for students completing the Graduate Certificate in Business (Human Resource Management).

BS93 Master of Business (Philanthropy & Nonprofit Studies) for students completing the Graduate Certificate in Business (Philanthropy & Nonprofit Studies).

BS93 Master of Business (Public Management) for students completing the Graduate Certificate in Business (Public Management).

BS93 Master of Business (Forensic Accounting) for students completing Graduate Certificate in Business (Accounting)

BS93 Master of Business (Applied Finance) for students completing the Graduate Certificate in Business (Applied Finance).

IF02 Graduate Diploma in Creative Industries (Arts & Cultural Management) for students completing the Graduate Certificate in Business (Arts & Cultural Management).

\* Articulation into Master of Business (Advertising) is only available to students who commenced prior to Semester 1, 2004.

## Course Structure

### Accounting

Students are required to complete 4 units (48 cps) from the following:

- AYN412 Company Law
- AYN418 Financial Accounting 3
- AYN438 Taxation Law and Practice
- Plus one of the following units:
- AYN443 Electronic Commerce Cycles
- Unit approved by the Subject Area Coordinator

### Applied Finance

Students are required to complete 4 units (48 cps) from the following:

- EFN406 Managerial Finance
- Plus three units from:
- EFN405 Managerial Economics
- EFN412 Advanced Managerial Finance
- EFN413 Securities Law
- EFN414 International Finance
- EFN415 Security Analysis
- EFN416 Treasury and Portfolio Management
- EFN505 Financial Risk Management
- EFN507 Advanced Capital Budgeting
- Finance Elective unit
- Finance Elective unit

### Arts and Cultural Management

Students are required to complete 4 units (48 cps) from the following:

- GSN226 Arts Policy and Strategy
- GSN227 Arts and Cultural Management
- GSN228 Marketing Arts and Culture
- Plus 12 credit points of elective units:
- GSN225 Business Development in Creative Industries, or
- GSN488 Fundraising Development Principles\* AND
- GSN489 Fundraising Development Techniques\*
- \*These units replace GSN232 Fundraising Principles, but are subject to approval.

### Human Resource Development

Students are required to complete the following 4 units (48 cps):

- MGN409 Introduction to Management
- MGN410 Labour-Management Relations
- MGN412 People in Organisations
- MGN427 Human Resource Management

### Human Resource Management

Students are required to complete 4 units (48 cps) from the following:

- MGN404 Managing and Organising Global Firms
- MGN421 Strategic HRM
- MGN422 Contemporary Issues and Practices in Employee Relations
- MGN424 International Dimensions of HRM
- MGN427 Human Resource Management
- MGN505 Consulting and Change Management
- MGN506 Contemporary Issues in HRM, or other units approved by the Subject Area Coordinator

Students MUST obtain approval from the Subject Area Coordinator for MGN421 and MGN427 prior to enrolment in these units

### Integrated Marketing Communication

Students are required to complete 4 units (48 cps) from the following:

- AMN400 Consumer Behaviour
- AMN401 Integrated Marketing Communication
- Plus any two of the following units:
- AMN420 Advertising Management
- AMN442 Marketing Management
- AMN465 Public Relations Management

### International Business

Students are required to complete 4 units (48 cps) from the following:

- IBN408 Global Business Operations
- Plus one unit from:
- IBN403 Business in Asia
- IBN404 Business in Europe



IBN435	Business in Australia Plus two units from:
IBN409	Negotiating Across Borders
IBN410	International Logistics Management
EFN417	An Introduction to International Finance
IBN421	Marketing Internationally
MGN423	Contemporary Strategic Analysis

### Marketing

Students are required to complete the following 4 units (48 cps):

AMN400	Consumer Behaviour
AMN403	Marketing and Survey Research
AMN442	Marketing Management Elective unit This elective unit must be selected from postgraduate units offered by the School of Advertising, Marketing and Public Relations

### Philanthropy and Nonprofit Studies

Students are required to complete 8 units (48 cps) from the following:

GSN481	Philanthropic and Nonprofit Frameworks of Governance
GSN482	Philanthropic and Nonprofit Economics
GSN483	Ethics for Philanthropic and Nonprofit Organisations
GSN484	Management for Philanthropic and Nonprofit Organisations
GSN485	Legal Issues for Philanthropic and Nonprofit Organisations
GSN486	Accounting Issues for Philanthropic & Nonprofit Organisations Plus choose one of the following pairs of units:
GSN408	Fundamentals of Marketing Management
GSN487	Marketing for the Nonprofit Sector, or
GSN488	Fundraising Development Principles*
*These units replace GSN232 Fundraising Principles, but are subject to approval.	
GSN489	Fundraising Development Techniques*

### Public Management

Students are required to complete 4 units (48 cps) from the following:

MGN425	The Context of Public Management, or
MGN426	International Trends in Public Management Plus three units from:
MGN402	Government-Business Relations
MGN421	Strategic HRM
MGN425	The Context of Public Management
MGN426	International Trends in Public Management
MGN427	Human Resource Management
MGN516	Policy Analysis
MGN517	Program Management and Evaluation
MGN524	Special Topic in Management 1, or other units approved by the Course Coordinator

### Public Relations

Students are required to complete the following 4 units (48 cps):

AMN461	Corporate Media Strategy and Tactics
AMN465	Public Relations Management
AMN46x	Public Relations Elective unit Elective unit This elective unit must be selected from postgraduate units offered by the School of Advertising, Marketing & Public Relations

## ■ Graduate Certificate in Business Administration (GS42)

**Award title:** Graduate Certificate in Business Administration

**CRICOS code:** 031575D

**Location:** Gardens Point

**Course duration (full-time):** 1 semester. The course must be completed within a maximum time period of two years.

**Course duration (part-time):** 2 semesters. The course must be completed within a maximum time period of two years.

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Course Design

Students must complete a minimum of 6 units (36 credit points) from the MBA core and no more than 12 credit points of elective units.

In line with other leading business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

Students who successfully complete the Graduate Certificate in Business Administration program with a GPA of 4.5 or above (on a 7 point scale) may enrol in the Master of Business Administration (MBA).

### Course Structure

*Students have three options within this program:*

#### Option 1:

GSN401	Select a minimum of 6 units from the following MBA core units plus no more than 12 credit points of any postgraduate business unit approved by the MBA Director:
GSN403	Managing in the Global Business Environment
GSN404	Understanding Data
GSN405	Financial Statements Analysis 1
GSN406	Strategic Management
GSN407	Human Resource Management Issues
GSN408	Business Communication
GSN409	Fundamentals of Marketing Management
GSN410	Organisational Behaviour 1
GSN411	Entrepreneurship
GSN412	Business Law 1
GSN413	Financial Management 1
GSN415	Understanding Leadership
GSN460	Creative Problem Solving
GSN491	Economics in Business 1

#### Option 2:

International students entering GS87 GradCertBusAdmin via Pathway Program 2 must select four MBA core units plus complete two (24 credit point) Business English units (QCD110 Communication for Business 1 and QCD210 Communication for Business 2) at Queensland University of Technology International College (QUTIC).

#### Option 3:

	Select a major (48 credit points) from one of the following study areas:
	Corporate Governance:
	Required Units:
GSN401	Managing in the Global Business Environment
GSN404	Financial Statements Analysis 1
GSN405	Strategic Management
GSN412	Business Law 1
GSN422	Business Law 2
GSN427	Financial Statement Analysis 2
GSN456	Personal Development and Ethics for Managers
GSN472	Legal Principles of Corporate Governance
	Elective Units:
	Choose up to 12 credit points from this list below only if substitution has been granted for equivalent required units:
GSN224	Corporate Philanthropy
GSN233	Special Topic in Philanthropy and Nonprofit Studies
GSN480	Sustainable Development and Competitive Advantage
GSN483	Ethics for Philanthropic and Nonprofit Organisations
GSN484	Management for Philanthropic and Nonprofit Organisations
GSN485	Legal Issues for Philanthropic and Nonprofit Organisations
GSN486	Accounting Issues for Philanthropic & Nonprofit Organisations
	Entrepreneurship and Innovation:
	Required Units:
GSN401	Managing in the Global Business Environment
GSN403	Understanding Data
GSN404	Financial Statements Analysis 1
GSN405	Strategic Management
GSN408	Fundamentals of Marketing Management
GSN420	New Venture Strategy
GSN410	Entrepreneurship
GSN460	Creative Problem Solving
	Leadership:
	Required Units:
GSN401	Managing in the Global Business Environment

GSN407	Business Communication
GSN409	Organisational Behaviour 1
GSN415	Understanding Leadership
GSN417	Effective Advocacy for Managers
GSN425	Leadership Development
	Elective Units:
	Choose 12 credit points from this list below:
GSN221	Special Topic 1
GSN419	Organisational Behaviour 2
GSN456	Personal Development and Ethics for Managers
GSN461	Making Change Work
GSN462	Negotiation Strategies
	Strategy
	Required Units:
GSN401	Managing in the Global Business Environment
GSN405	Strategic Management
GSN408	Fundamentals of Marketing Management
GSN474	Strategy Planning & Development
	Elective Units:
	Choose 24 credit points from this list below:
GSN226	Arts Policy and Strategy
GSN410	Entrepreneurship
GSN418	Marketing Strategy Development
GSN420	New Venture Strategy
GSN475	Strategic Analysis
MGN505	Consulting and Change Management

## ■ Graduate Certificate in Entrepreneurship and Innovation (GS47)

**Award title:** Graduate Certificate in Entrepreneurship and Innovation

**CRICOS code:** 046051J

**Location:** Gardens Point

**Course duration (full-time):** 1 semester. The course must be completed within a maximum time period of two years.

**Course duration (part-time):** 2 semesters. The course must be completed within a maximum time period of two years.

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Course Design

Students must complete 6 core and 2 required units, of 6 credit points each, from the MBA (Entrepreneurship) program totalling 48 credit points.

Students might enter and complete this program only, and/or may use the successful completion of this program as a basis for entry into the Graduate Diploma in Entrepreneurship and Innovation or the Master of Entrepreneurship and Innovation program.

Alternatively, students who have registered in either the Graduate Diploma in Entrepreneurship and Innovation or the Master of Entrepreneurship and Innovation programs may exit from those programs with the of Graduate Certificate in Entrepreneurship and Innovation qualification if they have fulfilled the conditions outlined below for the award of this graduate certificate.

### Course Structure

**The following six (6) MBA core units must be completed:**

GSN401	Managing in the Global Business Environment
GSN402	Strategic Use of Information Technology
GSN405	Strategic Management
GSN408	Fundamentals of Marketing Management
GSN410	Entrepreneurship
GSN416	Business Plans 1
	Plus the following 12cp of required units:

### Required Units

GSN420	New Venture Strategy
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GSN460	Creative Problem Solving
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## ■ Graduate Certificate in Human Resource Management and Development (BS32)

**Award title:** Graduate Certificate in Human Resource Management and Development

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters. The course must be completed within a maximum time period of two years.

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett

**Discipline coordinator:** Ms Claire Gardiner

### Course Information

Students should note that the University has approved a renaming and recoding of this course from semester 1, 2005 to BS39 Graduate Certificate in Business (Human Resource Development). However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration. For course structure information please refer to the BS39 Graduate Certificate in Business (Human Resource Development) course entry.

## ■ Graduate Certificate in Management (GS43)

**Award title:** Graduate Certificate in Management

**CRICOS code:** 012664E

**Location:** Gardens Point

**Course duration (full-time):** 1 semester. The course must be completed within a maximum time period of two years.

**Course duration (part-time):** 2 semesters. The course must be completed within a maximum time period of two years.

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher

### Course Discontinuation

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

### Course Design

Students must complete any 48 credit points from the Master of Business Administration (GS40) core or GSN coded elective units.

Alternatively, to attain a specialised study area within the Graduate Certificate in Management students must complete 48 credit points from a selected major area.

Students may undertake other postgraduate Business elective units, subject to the approval of the MBA Director.

In line with leading international business schools, BGSB offers six credit point units, delivered in seven-week modules giving students the flexibility to commence study at the beginning or mid-point of any semester, offering six different entry points each year.

### Articulation

Students who successfully complete the Graduate Certificate in Management program with a GPA of 4.5 above (on a 7 point scale) may enrol in the Master of Business Administration and other Master level awards offered by the Faculty of Business.

### Course Structure

**Students have two options within this program:**

	1) Select 8 units from the following MBA core or any postgraduate business unit approved by the MBA Director:
GSN401	Managing in the Global Business Environment

GSN403	Understanding Data
GSN404	Financial Statements Analysis 1
GSN405	Strategic Management
GSN406	Human Resource Management Issues
GSN407	Business Communication
GSN408	Fundamentals of Marketing Management
GSN409	Organisational Behaviour 1
GSN410	Entrepreneurship
GSN412	Business Law 1
GSN413	Financial Management 1
GSN415	Understanding Leadership
GSN460	Creative Problem Solving
GSN491	Economics in Business 1

OR

Select a major (48 cp) from one of the following study areas:

### Business Communication

Required Units:	
GSN407	Business Communication
GSN417	Effective Advocacy for Managers
GSN457	Organisational Communication and Influence
GSN462	Negotiation Strategies
Elective unit (Choose 18cp from the list below)	
Elective List:	
GSN401	Managing in the Global Business Environment
GSN409	Organisational Behaviour 1
GSN415	Understanding Leadership
GSN461	Making Change Work
GSN455	Special Topic 3
AMN465	Public Relations Management

### Corporate Governance

GSN401	Managing in the Global Business Environment
Required Units:	
GSN404	Financial Statements Analysis 1
GSN405	Strategic Management
GSN412	Business Law 1
GSN422	Business Law 2
GSN427	Financial Statement Analysis 2
GSN456	Personal Development and Ethics for Managers
GSN472	Legal Principles of Corporate Governance
Elective units (Choose 12cp from the list below)	
Elective List:	
GSN224	Corporate Philanthropy
GSN233	Special Topic in Philanthropy and Nonprofit Studies
GSN444	Special Topics 1
GSN480	Sustainable Development and Competitive Advantage
GSN483	Ethics for Philanthropic and Nonprofit Organisations
GSN484	Management for Philanthropic and Nonprofit Organisations
GSN485	Legal Issues for Philanthropic and Nonprofit Organisations
GSN486	Accounting Issues for Philanthropic & Nonprofit Organisations

### Electronic Business

Required Units:	
GSN401	Managing in the Global Business Environment
GSN402	Strategic Use of Information Technology
GSN435	Electronic Commerce
GSN467	Knowledge Management
GSN469	Internet Applications
GSN470	E-Business
Elective units (Choose 12cp from the list below)	
Elective List:	
GSN408	Fundamentals of Marketing Management
GSN442	Project Management 1
GSN466	Technology Infrastructure Management
GSN447	Strategic Internet Marketing 1
AYN446	The Law of E-Commerce
AYN448	Management of Electronic Business Processes
ITN272	Information Technology Project Management

### Public Sector Marketing

Required Units:	
GSN402	Strategic Use of Information Technology
GSN408	Fundamentals of Marketing Management
GSN410	Entrepreneurship
GSN418	Marketing Strategy Development
GSN429	New Venture Marketing
GSN449	Public Sector and Social Marketing 1
GSN447	Strategic Internet Marketing 1

Elective unit (Choose 12cp from the list below only if credit has been granted for basic Marketing units)

Elective List:

GSN446	Applied Research Project A Individual Project
GSN448	Strategic Internet Marketing 2
BSN404	Project 1

### Leadership

Required Units:

GSN401	Managing in the Global Business Environment
GSN407	Business Communication
GSN409	Organisational Behaviour 1
GSN415	Understanding Leadership
GSN417	Effective Advocacy for Managers
GSN425	Leadership Development
Elective units (Choose 12cp from the list below)	
Elective List:	
GSN419	Organisational Behaviour 2
GSN456	Personal Development and Ethics for Managers
GSN462	Negotiation Strategies
GSN461	Making Change Work
GSN221	Special Topic 1

### Strategy

Required Units:

GSN401	Managing in the Global Business Environment
GSN405	Strategic Management
GSN408	Fundamentals of Marketing Management
GSN474	Strategy Planning & Development
Elective units (Choose 24cp from the list below)	
Elective List:	
GSN410	Entrepreneurship
GSN418	Marketing Strategy Development
GSN420	New Venture Strategy
GSN475	Strategic Analysis
GSN226	Arts Policy and Strategy
MGN505	Consulting and Change Management

## ■ Bachelor of Business (Honours) (BS63)

**Award title:** Bachelor of Business (Honours)

**CRICOS code:** 009038B

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Boris Kabanoff

**Discipline coordinators:** Dr Conor O'Leary (Accountancy); Associate Professor James Everett (Advertising, Marketing & Public Relations); Mr Peter Whelan (Economics and Banking and Finance); Dr Lisa Bradley (Management and Human Resource Management); Dr Mark McGovern (International Business)

### Entry Requirements

A Bachelor of Business from QUT that includes a major in the area of intended Honours level study or a qualification deemed equivalent. Students must have achieved a grade-point average (GPA) of 5.5 or better on a 7-point scale in the three years of undergraduate study or other qualifications and experience which is considered by the Dean of Faculty to qualify for admission. Students would normally apply for admission to Honours at the end of the final year of their pass degree, or within 18 months of completing the pass degree.

In addition, international students must meet English language proficiency requirements.

### Course Requirements

Students must complete four coursework units (48 credit points) and a dissertation (48 credit points), as per the programs of study described below for their area of Honours study.

Prerequisite requirements for the following units are deemed to have been satisfied upon admission to this course. Where elective units may be undertaken, students should check prerequisite

requirements in the unit synopsis section of the QUT Handbook and obtain approval from the Subject Area Coordinator prior to enrolment.

## Course Structure

### Accountancy

Students must complete four prescribed units (48 credit points) and a dissertation (48 credit points).

Two Compulsory Core Units:

BSN507 Research Methods

AYN433 Research Topics in Accounting

Plus two of the following Accountancy units:

AYN419 Financial Modelling and Business Valuations

AYN424 International Accounting

AYN449 Enterprise Systems

AYN453 Financial Forensics and Business Intelligence

AYN454 Forensic Accounting and Investigation

AYN455 Electronic Business Foundations

Plus

Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

BSN501 Dissertation

### Advertising

Students must complete two prescribed units (24 credit points), two electives (24 credit points), and a dissertation (48 credit points).

Select two units from the following Compulsory Core units:

AMN403 Marketing and Survey Research

BSN502 Research Methodology

BSN503 Research Seminar

BSN412 Qualitative Research and Analytical Techniques

Plus choose two Elective units:

The elective units may be selected from any 12 credit point postgraduate unit offered by the School of Advertising, Marketing and Public Relations, in the specialisation area (Advertising), subject to the approval of the Subject Area Coordinator.

Plus

BSN501 Dissertation

Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

### Banking and Finance

Students must complete three prescribed units (36 credit points), one elective (12 credit points), and a dissertation (48 credit points).

One Compulsory Core Unit:

BSN506 Econometric Methods

Plus two Banking and Finance Units:

EFN504 Finance Honours

EFN505 Financial Risk Management

Plus choose one Elective unit:

The elective unit may be taken from any postgraduate unit offered by the School of Accountancy or School of Economics and Finance subject to the approval of the Course Coordinator or Head of School

Plus

BSN501 Dissertation

Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

### Economics

Students must complete three prescribed units (36 credit points), one elective (12 credit points), and a dissertation (48 credit points).

One Compulsory Core Unit:

BSN506 Econometric Methods

Plus two Economics Units:

EFN500 Contemporary Macroeconomic Theories

EFN502 Developments in Microeconomic Theories

Plus one Elective unit:

The elective unit may be taken from any postgraduate unit offered by the School of Accountancy or School of

Economics and Finance, subject to the approval of the Subject Area Coordinator or Head of School

Plus

BSN501 Dissertation

Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

### Human Resource Management

Students must complete four prescribed units (48 credit points) and a dissertation (48 credit points)

Two Compulsory Core Units:

BSN502 Research Methodology

BSN503 Research Seminar

Plus two Human Resource Management Units:

MGN506 Contemporary Issues in HRM

MGN508 HRM Cases

Plus

BSN501 Dissertation

Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

### International Business

Students must complete two prescribed units (24 credit points), two electives (24 credit points), and a dissertation (48 credit points).

Two Compulsory Core Units:

BSN502 Research Methodology

BSN503 Research Seminar

Plus two Elective units:

The elective units may be taken from any 12 credit point postgraduate unit offered by the School of International Business, in the specialisation area (International Business), subject to the approval of the Subject Area Coordinator

Plus

BSN501 Dissertation

Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

### Management

Students must complete four prescribed units (48 credit points) and a dissertation (48 credit points)

Two Compulsory Core Units:

BSN502 Research Methodology

BSN503 Research Seminar

Plus two Management Units:

MGN501 Readings in Management

MGN507 Contemporary Issues in Management

Plus

BSN501 Dissertation

Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

### Marketing

Students must complete two prescribed units (24 credit points), two electives (24 credit points), and a dissertation (48 credit points).

Select two of the following Compulsory Core units:

AMN403 Marketing and Survey Research

BSN502 Research Methodology

BSN503 Research Seminar

BSN412 Qualitative Research and Analytical Techniques

Plus two Elective units:

The elective units for this Honours program may be taken from any 12 credit point postgraduate unit offered by the School of Advertising, Marketing and Public Relations, in the specialisation area (Marketing), subject to the approval of the Subject Area Coordinator

Plus

BSN501 Dissertation

Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

## Public Relations

Students must complete two prescribed units (24 credit points), two electives (24 credit points), and a dissertation (48 credit points).

Select two of the following Compulsory Core Units:

- AMN403 Marketing and Survey Research  
BSN502 Research Methodology  
BSN503 Research Seminar  
BSN412 Qualitative Research and Analytical Techniques  
Plus two Elective units:  
The elective units may be taken from any 12 credit point postgraduate unit offered by the School of Marketing, Advertising and Public Relations, in the specialisation area (Public Relations), subject to the approval of the Subject Area Coordinator  
Plus  
BSN501 Dissertation  
Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

## ■ Bachelor of Business (BS58)

**Award title:** Bachelor of Business (Study Area A)

**Location:** Caboolture

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Course coordinator:** Mr Andrew Paltridge

### Full-time Course structure

#### Year 1, Semester 1

- CTB119 International and Electronic Business  
CTB122 Quantitative Analysis and Finance  
CTB126 Marketing  
HHB116 Applied Skills And Scholarship

#### Year 1, Semester 2

- CTB110 Accounting  
CTB113 Economics  
CTB114 Government, Business and Society  
CTB115 Management, People and Organisations

### Part-time Course Structure

#### Year 1, Semester 1

- CTB119 International and Electronic Business  
HHB116 Applied Skills And Scholarship

#### Year 1, Semester 2

- CTB110 Accounting  
CTB115 Management, People and Organisations

#### Year 2, Semester 1

- CTB122 Quantitative Analysis and Finance  
CTB126 Marketing

#### Year 2, Semester 2

- CTB113 Economics  
CTB114 Government, Business and Society

## □ Bachelor of Business Course Notes (BS56)

### Course Design

Students commencing the Bachelor of Business must complete 24 units of equal weighting totalling 288 credit points, comprised of:

- eight Faculty Core units (refer to A below)
- one block of six Major Core units (refer to B below)
- one of the following:  
Double Major (six units); or  
Extended Major (six units); or  
Specialisation (six units).
- plus four Elective units.

The course structures, listed by Primary Major, outline a sequence of unit study and ensures that prerequisite requirements of a unit are satisfied. Please see separate entries in Studyfinder by Major.

## (A) FACULTY CORE UNITS

- BSB110 Accounting  
BSB111 Business Law & Ethics  
BSB113 Economics  
BSB114 Government, Business & Society  
BSB115 Management, People & Organisations  
BSB119 International & Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

## (B) MAJOR CORE UNITS

### Accountancy

- AYB121 Financial Accounting  
AYB220 Company Accounting  
AYB221 Computerised Accounting Systems  
AYB225 Management Accounting  
AYB301 Auditing  
EFB101 Data Analysis for Business

### Advertising

- AMB200 Consumer Behaviour  
AMB220 Advertising Theory & Practice  
AMB221 Advertising Copywriting  
AMB222 Media Planning  
AMB320 Advertising Management  
AMB321 Advertising Campaigns

### Banking and Finance

- EFB101 Data Analysis for Business  
EFB102 Economics 2  
EFB201 Financial Markets  
EFB210 Finance 1  
EFB307 Finance 2  
EFB312 International Finance

### Economics

- EFB101 Data Analysis for Business  
EFB102 Economics 2  
EFB202 Business Cycles & Economic Growth  
EFB211 Firms, Markets & Resources  
EFB314 International Trade & Economic Competitiveness  
EFB323 Financial & Monetary Economics

### Electronic Business

- BSB212 Electronic Business Applications  
BSB213 Legal Issues in Electronic Business  
BSB314 E-Business Intelligence  
ITB825 Electronic Business Information Systems  
MGB334 Managing in a Changing Environment  
Electronic Business Elective

### Human Resource Management

- MGB207 Human Resource Issues & Strategy  
MGB211 Organisational Behaviour  
MGB220 Management Research Methods  
MGB222 Managing Organisations  
MGB309 Strategic Management  
MGB314 Organisational Consulting & Change

### International Business

- IBB202 Business & the World Economy  
IBB210 Export Management  
IBB211 Globalisation & Business  
IBB300 International Business Strategy  
and one of the following pairs of area study units:  
IBB217 Asian Business Development  
IBB317 Contemporary Business in Asia orOR  
IBB208 European Business Development  
IBB308 Contemporary Business in Europe

### Management

- MGB210 Production & Service Management  
MGB211 Organisational Behaviour  
MGB220 Management Research Methods  
MGB222 Managing Organisations  
MGB309 Strategic Management  
MGB334 Managing in a Changing Environment

## Marketing

AMB200	Consumer Behaviour
AMB201	Marketing & Audience Research
AMB240	Marketing Planning & Management
AMB241	E-Marketing Strategies
AMB340	Services Marketing
AMB341	Strategic Marketing

## Public Relations

AMB201	Marketing & Audience Research
AMB260	Public Relations Theory & Practice
AMB261	Media Relations & Publicity
AMB262	Public Relations Writing
AMB360	Corporate Communication Management
AMB361	Public Relations Campaigns

## (C) SPECIALISATIONS

Students should note that not all specialisations will be timetabled in every year or semester. Hence, it is important that you confirm that the specialisation in which you are interested is offered. Students are also able to undertake an Interfaculty Specialisations (IFS) with the approval of the Director of Undergraduate Studies. Full details are available from the Faculty of Business Student Enquiries Counter, level 4, Z Block, Gardens Point or on 07 3864 2050 or via bus@qut.edu.au

Business Law and Tax (BLS) for Business students without an Accountancy Major.

Financial Economics (FES) for Business students without an Economics or Banking & Finance Major.

Integrated Marketing Communication (IMS) for Business students with any major.

Language (LGS) for Business students without an International Business major.

Students may study French, German, Indonesian or Japanese, or also seek approval to undertake a different language at another tertiary institution. Students undertaking a language specialisation must complete a minimum of four language units, plus either; two additional language units; or IBB205 Cross Cultural Communication & Negotiation, and one other International Business unit selected from the International Business major or extended major, provided pre-requisite requirements are met.

## Definitions

**Double Major:** a second major core (six units) chosen from (B) above. Six units must be completed for a double major. When a unit is common to both majors, or a unit that is incompatible has already been completed an alternative double major option unit must be substituted. Approval for the substitute unit should be sought from the Major Coordinator.

**Extended Major:** an additional group of six specified units in the same discipline area as the primary major core. A list of possible extended majors are provided with the respective primary major structures.

**Specialisation:** a coherent group of six specified units in a discipline area. Specialisations for business students may be chosen from a number of areas (refer to C above). Six units must be completed for a specialisation. When a unit is common to the major and specialisation, or when a unit that is incompatible has already been completed an alternative specialisation option unit must be substituted. Approval for the substitute unit should be sought from the Major Coordinator.

**Elective:** a unit of 12 credit points chosen from any degree course at QUT including approved degree level study tours. Electives may also be taken at other recognised universities if the student obtains written approval from the Course Coordinator and the Head of School.

## ■ Bachelor of Business Carseldine First Year Program (BS56)

**Location:** Carseldine

**Course duration (full-time):** 3 years (After the completion of first year, students must transfer to Gardens Point campus for the remainder of the course.)

**Course duration (part-time):** 6 years (After completion of second year, students must transfer to Gardens Point campus for the remainder of the course.)

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

## Course Design

Students commencing the Bachelor of Business at Carseldine will be required to undertake the first year of the course on this campus, and will then be required to transfer to Gardens Point Campus for the remainder of the degree.

Please refer to the BS56 Course Notes for more specific information regarding this course.

## Carseldine Full-time Course Structure

### Year 1, Semester 1

HHB116	Applied Skills And Scholarship
BSB113	Economics
BSB114	Government, Business and Society
BSB115	Management, People and Organisations

### Year 1, Semester 2

BSB110	Accounting
BSB119	International and Electronic Business
BSB122	Quantitative Analysis and Finance
BSB126	Marketing

*Students Transfer to Gardens Point Campus to complete their degree*

### Year 2, Semester 1

BSB111	Business Law and Ethics
	Major unit
	Major unit
	Double Major/Extended Major/Specialisation unit

### Year 2, Semester 2

	Major unit
	Major unit
	Double Major/Extended Major/Specialisation unit
	Double Major/Extended Major/Specialisation unit

### Year 3, Semester 1

	Major unit
	Double Major/Extended Major/Specialisation unit
	Double Major/Extended Major/Specialisation unit
	Elective unit

### Year 3, Semester 2

	Major unit
	Double Major/Extended Major/Specialisation unit
	Elective unit
	Elective unit

## Carseldine Part-time Course Structure

### Year 1, Semester 1

BSB115	Management, People and Organisations
HHB116	Applied Skills And Scholarship

### Year 1, Semester 2

BSB110	Accounting
BSB122	Quantitative Analysis and Finance

### Year 2, Semester 1

BSB113	Economics
BSB114	Government, Business and Society

### Year 2, Semester 2

BSB119	International and Electronic Business
BSB126	Marketing

*Students Transfer to Gardens Point Campus to complete their degree*

### Year 3, Semester 1

BSB111	Business Law and Ethics
	Major unit

### Year 3, Semester 2

	Major unit
	Double Major/Extended Major/Specialisation unit

<b>Year 4, Semester 1</b>	Major unit
	Double Major/Extended Major/Specialisation unit
<b>Year 4, Semester 2</b>	Major unit
	Double Major/Extended Major/Specialisation unit
<b>Year 5, Semester 1</b>	Major unit
	Double Major/Extended Major/Specialisation unit
<b>Year 5, Semester 2</b>	Major unit
	Double Major/Extended Major/Specialisation unit
<b>Year 6, Semester 1</b>	Double Major/Extended Major/Specialisation unit
	Elective unit
<b>Year 6, Semester 2</b>	Elective unit
	Elective unit

## ■ Bachelor of Business (Accountancy) (BS56)

**Award title:** Bachelor of Business (Accountancy)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr John Sweeting

### BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

### Other Majors

See also separate entries for the following majors in this course: Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Professional Recognition

Students completing the Bachelor of Business (Accountancy) degree with an extended major in Professional Accounting meet the academic requirements for Associate membership of CPA Australia and enrolment in the CPA program and the academic requirements for enrolment in the CA program of the Institute of Chartered Accountants in Australia (ICAA).

Students completing the Bachelor of Business (Accountancy) degree with an extended major in Business Law and Tax will need to select the following elective units to meet the academic requirements for Associate membership of CPA Australia and enrolment in the CPA program and the academic requirements for enrolment in the CA program of the Institute of Chartered Accountants in Australia:

EFB210 Finance 1, and

AYB311 Financial Accounting Issues or AYB321 Strategic Management Accounting

The School of Accountancy strongly recommends students undertake both AYB311 Financial Accounting Issues and AYB321 Strategic Management Accounting.

Students will also meet the academic requirements for enrolment in the Graduate Diploma in Applied Corporate Governance at the Chartered Secretaries Australia (CSA). On completion of the Graduate Diploma in Applied Corporate Governance, students will meet the academic requirements for professional membership of the Chartered Secretaries Australia (CSA). These programs are also accredited with the Tax Agents' Board of Queensland.

Students completing the Accountancy major in combination with another business major may meet professional body (CPA

Australia/ICAA) requirements by undertaking specified QUT units (normally four) as electives in the course. For further information on professional recognition for double majors and the required units that must be studied as electives, please contact the School of Accountancy on (07) 3864 5292 or email accenq@qut.edu.au

Please note that students with advanced standing (i.e. academic credit) may be required to undertake additional studies in order to meet professional body requirements. Students must also comply with CPA Australia policy on conceded and terminal passes.

### Full-time Course structure

#### Year 1, Semester 1

BSB110	Accounting
BSB111	Business Law and Ethics
BSB113	Economics
BSB115	Management, People and Organisations

#### Year 1, Semester 2

AYB121	Financial Accounting
BSB119	International and Electronic Business
BSB122	Quantitative Analysis and Finance
BSB126	Marketing

#### Year 2, Semester 1

AYB220	Company Accounting
BSB114	Government, Business and Society
EFB101	Data Analysis for Business
	Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 2

AYB221	Computerised Accounting Systems
AYB225	Management Accounting
	Double Major/Extended Major/Specialisation unit
	Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

AYB301	Auditing
	Double Major/Extended Major/Specialisation unit
	Double Major/Extended Major/Specialisation unit
	Elective unit

#### Year 3, Semester 2

	Double Major/Extended Major/Specialisation unit
	Elective unit
	Elective unit
	Elective unit

### Part-time Course Structure

#### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics

#### Year 1, Semester 2

AYB121	Financial Accounting
BSB122	Quantitative Analysis and Finance

#### Year 2, Semester 1

BSB111	Business Law and Ethics
BSB115	Management, People and Organisations

#### Year 2, Semester 2

BSB119	International and Electronic Business
BSB126	Marketing

#### Year 3, Semester 1

BSB114	Government, Business and Society
EFB101	Data Analysis for Business

#### Year 3, Semester 2

AYB221	Computerised Accounting Systems
	Double Major/Extended Major/Specialisation unit

#### Year 4, Semester 1

AYB220	Company Accounting
	Double Major/Extended Major/Specialisation unit

#### Year 4, Semester 2

AYB225	Management Accounting
	Double Major/Extended Major/Specialisation unit

#### Year 5, Semester 1

AYB301	Auditing
	Double Major/Extended Major/Specialisation unit

#### Year 5, Semester 2

	Double Major/Extended Major/Specialisation unit
	Elective unit

#### Year 6, Semester 1

	Double Major/Extended Major/Specialisation unit
	Elective unit

**Year 6, Semester 2**

Elective unit

Elective unit

**Full-time Extended Major in Professional Accounting  
(students seeking professional recognition)**

**Year 1, Semester 1**

BSB110 Accounting

BSB111 Business Law and Ethics

BSB113 Economics

BSB115 Management, People and Organisations

**Year 1, Semester 2**

AYB121 Financial Accounting

BSB119 International and Electronic Business

BSB122 Quantitative Analysis and Finance

BSB126 Marketing

**Year 2, Semester 1**

AYB220 Company Accounting

BSB114 Government, Business and Society

EFB101 Data Analysis for Business

EFB210 Finance 1

**Year 2, Semester 2**

AYB221 Computerised Accounting Systems

AYB223 Law of Business Associations

AYB225 Management Accounting

EFB102 Economics 2

**Year 3, Semester 1**

AYB301 Auditing

AYB321 Strategic Management Accounting

AYB325 Taxation Law

Elective unit

**Year 3, Semester 2**

AYB311 Financial Accounting Issues

Elective unit

Elective unit

Elective unit

**Part-time Extended Major in Professional Accounting  
(students seeking professional recognition)**

**Year 1, Semester 1**

BSB110 Accounting

BSB113 Economics

**Year 1, Semester 2**

AYB121 Financial Accounting

BSB122 Quantitative Analysis and Finance

**Year 2, Semester 1**

BSB111 Business Law and Ethics

BSB115 Management, People and Organisations

**Year 2, Semester 2**

BSB119 International and Electronic Business

BSB126 Marketing

**Year 3, Semester 1**

BSB114 Government, Business and Society

EFB101 Data Analysis for Business

**Year 3, Semester 2**

AYB221 Computerised Accounting Systems

AYB223 Law of Business Associations

**Year 4, Semester 1**

AYB220 Company Accounting

EFB210 Finance 1

**Year 4, Semester 2**

AYB225 Management Accounting

EFB102 Economics 2

**Year 5, Semester 1**

AYB301 Auditing

AYB325 Taxation Law

**Year 5, Semester 2**

AYB321 Strategic Management Accounting

Elective unit

**Year 6, Semester 1**

AYB311 Financial Accounting Issues

Elective unit

**Year 6, Semester 2**

Elective unit

Elective unit

**Full-time Extended Major in Business Law and Tax**

**Year 1, Semester 1**

BSB110 Accounting

BSB111 Business Law and Ethics

BSB113 Economics

BSB115 Management, People and Organisations

**Year 1, Semester 2**

AYB121 Financial Accounting

BSB119 International and Electronic Business

BSB122 Quantitative Analysis and Finance

BSB126 Marketing

**Year 2, Semester 1**

AYB220 Company Accounting

AYB223 Law of Business Associations

BSB114 Government, Business and Society

EFB101 Data Analysis for Business

**Year 2, Semester 2**

AYB221 Computerised Accounting Systems

AYB225 Management Accounting

AYB325 Taxation Law

Extended Major unit

**Year 3, Semester 1**

AYB301 Auditing

Extended Major unit

Extended Major unit

Elective unit

**Year 3, Semester 2**

Extended Major unit

Elective unit

Elective unit

Elective unit

**Extended Major Units**

Students are required to select four units from the following:

AYB305 Company Law and Practice

AYB312 Financial Institutions Law

AYB323 Tax Planning

AYB328 Taxation of Business Entities

AYB337 Goods and Services Tax

**Part-time Extended Major in Business Law and Tax**

**Year 1, Semester 1**

BSB110 Accounting

BSB113 Economics

**Year 1, Semester 2**

AYB121 Financial Accounting

BSB122 Quantitative Analysis and Finance

**Year 2, Semester 1**

BSB111 Business Law and Ethics

BSB115 Management, People and Organisations

**Year 2, Semester 2**

BSB119 International and Electronic Business

BSB126 Marketing

**Year 3, Semester 1**

BSB114 Government, Business and Society

EFB101 Data Analysis for Business

**Year 3, Semester 2**

AYB221 Computerised Accounting Systems

AYB223 Law of Business Associations

**Year 4, Semester 1**

AYB220 Company Accounting

Extended Major unit

**Year 4, Semester 2**

AYB225 Management Accounting

Extended Major unit

**Year 5, Semester 1**

AYB301 Auditing

AYB325 Taxation Law

**Year 5, Semester 2**

Extended Major unit

Elective unit

**Year 6, Semester 1**

Extended Major unit

Elective unit

**Year 6, Semester 2**

Elective unit

Elective unit

**Extended Major Units**

Students are required to select four units from the following:

AYB305 Company Law and Practice

AYB312 Financial Institutions Law

AYB323 Tax Planning

AYB328 Taxation of Business Entities



AYB337 Goods and Services Tax

## ■ Bachelor of Business (Advertising) (BS56)

**Award title:** Bachelor of Business (Advertising)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Gayle Kerr

### BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

### Other Majors

See also separate entries for the following majors in this course: Accountancy, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Professional Recognition

Students completing the Bachelor of Business majoring in Advertising will meet the requirements for membership to the Advertising Federation of Australia, the Australian Association of National Advertisers, the Australian Direct Marketing Association and the Queensland Commercial Radio Association.

Students will also meet the academic requirements for enrolment in the Graduate Diploma in Applied Corporate Governance at the Chartered Secretaries Australia (CSA). On completion of the Graduate Diploma in Applied Corporate Governance, students will meet the academic requirements for professional membership of the Chartered Secretaries of Australia.

### Full-time Course Structure

#### Year 1, Semester 1

BSB114 Government, Business and Society  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 1, Semester 2

AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice  
BSB115 Management, People and Organisations  
Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 1

AMB222 Media Planning  
BSB110 Accounting  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 2

AMB221 Advertising Copywriting  
BSB111 Business Law and Ethics  
BSB113 Economics  
Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

AMB320 Advertising Management  
Double Major/Extended Major/Specialisation unit  
Elective unit  
Elective unit

#### Year 3, Semester 2

AMB321 Advertising Campaigns  
Double Major/Extended Major/Specialisation unit  
Elective unit  
Elective unit

### Part-time Course Structure

#### Year 1, Semester 1

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 1, Semester 2

BSB114 Government, Business and Society  
BSB119 International and Electronic Business

#### Year 2, Semester 1

AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice

#### Year 2, Semester 2

BSB115 Management, People and Organisations  
Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

AMB221 Advertising Copywriting  
Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 2

AMB222 Media Planning  
BSB110 Accounting

#### Year 4, Semester 1

BSB113 Economics  
Double Major/Extended Major/Specialisation unit

#### Year 4, Semester 2

AMB320 Advertising Management  
BSB111 Business Law and Ethics

#### Year 5, Semester 1

AMB321 Advertising Campaigns  
Double Major/Extended Major/Specialisation unit

#### Year 5, Semester 2

Double Major/Extended Major/Specialisation unit  
Elective unit

#### Year 6, Semester 1

Double Major/Extended Major/Specialisation unit  
Elective unit

#### Year 6, Semester 2

Elective unit  
Elective unit

### Full-time Extended Major in Advertising

#### Year 1, Semester 1

BSB114 Government, Business and Society  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 1, Semester 2

AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice  
BSB115 Management, People and Organisations  
Extended Major unit\*

#### Year 2, Semester 1

AMB222 Media Planning  
AMB230 Internet Promotion  
BSB110 Accounting  
Extended Major Unit\*

#### Year 2, Semester 2

AMB221 Advertising Copywriting  
AMB231 Marketing Communications Regulations and Ethics  
BSB111 Business Law and Ethics  
BSB113 Economics

#### Year 3, Semester 1

AMB320 Advertising Management  
AMB330 Advertising Strategy and Planning  
AMB331 Direct Marketing  
Elective unit

#### Year 3, Semester 2

AMB321 Advertising Campaigns  
Elective unit  
Elective unit  
Elective unit

\*Any unit offered by the School of Advertising, Marketing and Public Relations.

### Part-time Extended Major in Advertising

#### Year 1, Semester 1

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 1, Semester 2

BSB114 Government, Business and Society  
BSB119 International and Electronic Business

#### Year 2, Semester 1

AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice

#### Year 2, Semester 2

AMB230 Internet Promotion  
BSB115 Management, People and Organisations

**Year 3, Semester 1**

AMB221 Advertising Copywriting  
AMB231 Marketing Communications Regulations and Ethics

**Year 3, Semester 2**

AMB222 Media Planning  
BSB110 Accounting

**Year 4, Semester 1**

BSB113 Economics  
Extended Major unit\*

**Year 4, Semester 2**

AMB320 Advertising Management  
BSB111 Business Law and Ethics

**Year 5, Semester 1**

AMB321 Advertising Campaigns  
AMB330 Advertising Strategy and Planning

**Year 5, Semester 2**

Extended Major unit\*  
Elective unit

**Year 6, Semester 1**

AMB331 Direct Marketing  
Elective unit

**Year 6, Semester 2**

Elective unit  
Elective unit  
\*Any unit offered by the School of Advertising, Marketing and Public Relations.

## ■ Bachelor of Business (Banking and Finance) (BS56)

**Award title:** Bachelor of Business (Banking and Finance)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

### BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

### Other Majors

See also separate entries for the following majors in this course: Accountancy, Advertising, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Professional Recognition

Students completing the Bachelor of Business majoring in Banking and Finance meet the academic requirements for enrolment in the Graduate Diploma in Applied Corporate Governance at the Chartered Secretaries Australia (CSA). On completion of the Graduate Diploma in Applied Corporate Governance, students will meet the academic requirement for Professional Membership of the Chartered Secretaries Australia (CSA).

Students completing the Bachelor of Business with a major in Banking and Finance meet the academic requirements for Senior Associate Membership of the Australasian Institute of Banking and Finance AIBF (Snr).

Students completing the Bachelor of Business (Banking and Finance) with a double major in Accountancy, with appropriate elective choices and unit substitution, may meet the academic requirements of one or more of the following professional bodies: CPA Australia (Associate Membership and enrolment in the CPA program); The Institute of Chartered Accountants in Australia (ICAA) (enrolment in the CA Program); Australasian Institute of Banking and Finance -AIBF (Snr).

Students completing the Bachelor of Business (Banking and Finance) with a double major in Economics meet the academic

requirements for Senior Associate Membership of the Australasian Institute of Banking and Finance AIBF (Snr). Ordinary Membership of the Economics Society of Australia only requires that students have an interest in the area of Economics. For students to meet the academic requirements for Professional Membership of the Economics Society of Australia (QLD), requires that students have held an Ordinary Membership of the Economics Society of Australia for one year and have completed a Bachelor of Business majoring in Economics.

These courses have been designed to maximise student's ability to meet professional requirements, however students may be required to undertake further units with professional bodies. Please note that students with advanced standing (ie. academic credit) may be required to undertake additional studies in order to meet professional body requirements.

### Full-time Course Structure

#### Year 1, Semester 1

BSB113 Economics  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 1, Semester 2

BSB110 Accounting  
BSB115 Management, People and Organisations  
EFB101 Data Analysis for Business  
EFB102 Economics 2

#### Year 2, Semester 1

BSB111 Business Law and Ethics  
BSB114 Government, Business and Society  
EFB210 Finance 1  
Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 2

EFB307 Finance 2  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit  
Elective unit

#### Year 3, Semester 1

EFB201 Financial Markets  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit  
Elective unit

#### Year 3, Semester 2

EFB312 International Finance  
Double Major/Extended Major/Specialisation unit  
Elective unit  
Elective unit

### Part-time Course Structure

#### Year 1, Semester 1

BSB113 Economics  
BSB119 International and Electronic Business

#### Year 1, Semester 2

BSB115 Management, People and Organisations  
EFB102 Economics 2

#### Year 2, Semester 1

BSB114 Government, Business and Society  
BSB126 Marketing

#### Year 2, Semester 2

BSB110 Accounting  
BSB122 Quantitative Analysis and Finance

#### Year 3, Semester 1

BSB111 Business Law and Ethics  
EFB210 Finance 1

#### Year 3, Semester 2

EFB101 Data Analysis for Business  
Double Major/Extended Major/Specialisation unit

#### Year 4, Semester 1

EFB307 Finance 2  
Elective unit

#### Year 4, Semester 2

Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit

#### Year 5, Semester 1

EFB201 Financial Markets  
Double Major/Extended Major/Specialisation unit

**Year 5, Semester 2**

Elective unit  
Elective unit

**Year 6, Semester 1**

Double Major/Extended Major/Specialisation unit  
Elective unit

**Year 6, Semester 2**

EFB312 International Finance  
Double Major/Extended Major/Specialisation unit

**Full-time Extended Major in Banking**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

**Year 1, Semester 2**

BSB110 Accounting  
BSB115 Management, People and Organisations  
EFB101 Data Analysis for Business  
EFB102 Economics 2

**Year 2, Semester 1**

BSB111 Business Law and Ethics  
BSB114 Government, Business and Society  
EFB210 Finance 1  
Elective unit

**Year 2, Semester 2**

AYB225 Management Accounting  
EFB307 Finance 2  
Banking Extended Major unit  
Elective unit

**Year 3, Semester 1**

AYB312 Financial Institutions Law  
EFB201 Financial Markets  
EFB311 Financial Institutions Lending  
Banking Extended Major unit

**Year 3, Semester 2**

EFB310 Financial Institutions Control  
EFB312 International Finance  
Elective unit  
Elective unit

**Banking Extended Major List**

Choose two of the following units:

EFB200 Applied Regression Analysis  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio and Security Analysis  
EFB326 Applied Portfolio Management

**Part-time Extended Major in Banking**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International and Electronic Business

**Year 1, Semester 2**

BSB115 Management, People and Organisations  
EFB102 Economics 2

**Year 2, Semester 1**

BSB114 Government, Business and Society  
BSB126 Marketing

**Year 2, Semester 2**

BSB110 Accounting  
BSB122 Quantitative Analysis and Finance

**Year 3, Semester 1**

BSB111 Business Law and Ethics  
EFB210 Finance 1

**Year 3, Semester 2**

AYB225 Management Accounting  
EFB101 Data Analysis for Business

**Year 4, Semester 1**

EFB307 Finance 2  
Elective unit

**Year 4, Semester 2**

Banking Extended Major unit  
Elective unit

**Year 5, Semester 1**

EFB201 Financial Markets  
EFB311 Financial Institutions Lending

**Year 5, Semester 2**

Banking Extended Major unit

Elective unit

**Year 6, Semester 1**

AYB312 Financial Institutions Law  
Elective unit

**Year 6, Semester 2**

EFB310 Financial Institutions Control  
EFB312 International Finance

**Banking Extended Major List**

Choose two of the following units:

EFB200 Applied Regression Analysis  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio and Security Analysis  
EFB326 Applied Portfolio Management

**Full-time Extended Major in Financial Economics**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

**Year 1, Semester 2**

BSB110 Accounting  
BSB115 Management, People and Organisations  
EFB101 Data Analysis for Business  
EFB102 Economics 2

**Year 2, Semester 1**

BSB111 Business Law and Ethics  
EFB202 Business Cycles and Economic Growth  
EFB210 Finance 1  
EFB211 Firms, Markets and Resources

**Year 2, Semester 2**

BSB114 Government, Business and Society  
EFB307 Finance 2  
EFB325 Financial Microeconomics  
Elective unit

**Year 3, Semester 1**

EFB201 Financial Markets  
EFB324 Macroeconomics and Global Financial Markets  
Financial Economics Extended Major unit  
Elective unit

**Year 3, Semester 2**

EFB312 International Finance  
EFB326 Applied Portfolio Management  
Elective unit  
Elective unit

**Financial Economics Extended Major**

Choose one of the following units:

EFB200 Applied Regression Analysis  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio and Security Analysis

**Part-time Extended Major in Financial Economics**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International and Electronic Business

**Year 1, Semester 2**

BSB115 Management, People and Organisations  
EFB102 Economics 2

**Year 2, Semester 1**

BSB114 Government, Business and Society  
BSB126 Marketing

**Year 2, Semester 2**

BSB110 Accounting  
BSB122 Quantitative Analysis and Finance

**Year 3, Semester 1**

EFB210 Finance 1  
EFB211 Firms, Markets and Resources

**Year 3, Semester 2**

EFB101 Data Analysis for Business  
EFB325 Financial Microeconomics

**Year 4, Semester 1**

EFB202 Business Cycles and Economic Growth  
EFB307 Finance 2

**Year 4, Semester 2**

BSB111 Business Law and Ethics  
EFB326 Applied Portfolio Management

**Year 5, Semester 1**

EFB201 Financial Markets  
EFB324 Macroeconomics and Global Financial Markets

**Year 5, Semester 2**

Elective unit  
Elective unit

**Year 6, Semester 1**

Financial Economics Extended Major unit  
Elective unit

**Year 6, Semester 2**

EFB312 International Finance  
Elective unit

**Financial Economics Extended Major List**

Choose one of the following units:

EFB200 Applied Regression Analysis  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio and Security Analysis

**Full-time Extended Major in Funds Management**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

**Year 1, Semester 2**

BSB110 Accounting  
BSB115 Management, People and Organisations  
EFB101 Data Analysis for Business  
EFB102 Economics 2

**Year 2, Semester 1**

BSB111 Business Law and Ethics  
BSB114 Government, Business and Society  
EFB210 Finance 1  
Funds Management Extended Major unit

**Year 2, Semester 2**

AYB225 Management Accounting  
EFB307 Finance 2  
Elective unit  
Elective unit

**Year 3, Semester 1**

EFB201 Financial Markets  
EFB318 Portfolio and Security Analysis  
Funds Management Extended Major unit  
Elective unit

**Year 3, Semester 2**

EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB312 International Finance  
Elective unit

**Funds Management Extended Major List**

Choose two of the following units:

AYB312 Financial Institutions Law  
EFB200 Applied Regression Analysis  
EFB310 Financial Institutions Control  
EFB311 Financial Institutions Lending  
EFB326 Applied Portfolio Management

**Part-time Extended Major in Funds Management**

**Year 1, Semester 1**

BSB113 Economics  
BSB119 International and Electronic Business

**Year 1, Semester 2**

BSB115 Management, People and Organisations  
EFB102 Economics 2

**Year 2, Semester 1**

BSB114 Government, Business and Society  
BSB126 Marketing

**Year 2, Semester 2**

BSB110 Accounting  
BSB122 Quantitative Analysis and Finance

**Year 3, Semester 1**

BSB111 Business Law and Ethics  
EFB210 Finance 1

**Year 3, Semester 2**

AYB225 Management Accounting  
EFB101 Data Analysis for Business

**Year 4, Semester 1**

EFB307 Finance 2

Elective unit

**Year 4, Semester 2**

Funds Management Extended Major unit  
Elective unit

**Year 5, Semester 1**

EFB201 Financial Markets  
EFB318 Portfolio and Security Analysis

**Year 5, Semester 2**

EFB312 International Finance  
Elective unit

**Year 6, Semester 1**

Funds Management Extended Major unit  
Elective unit

**Year 6, Semester 2**

EFB308 Finance 3  
EFB309 Financial Derivatives

**Funds Management Extended Major List**

Choose two of the following units:

AYB312 Financial Institutions Law  
EFB200 Applied Regression Analysis  
EFB310 Financial Institutions Control  
EFB311 Financial Institutions Lending  
EFB326 Applied Portfolio Management

**■ Bachelor of Business (Economics) (BS56)**

**Award title:** Bachelor of Business (Economics)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**BS56 Course Notes**

See BS56 Course Notes entry for information about the course design and definitions.

**Other Majors**

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Electronic Business, Human Resource Management, International Business, Management, Marketing, and Public Relations.

**Professional Recognition**

Students completing the Bachelor of Business majoring in Economics meet the academic requirements for enrolment in the Graduate Diploma in Applied Corporate Governance at the Chartered Secretaries Australia (CSA). On completion of the Graduate Diploma in Applied Corporate Governance, students will meet the academic requirement for Professional Membership of the Chartered Secretaries Australia (CSA).

Ordinary Membership of the Economics Society of Australia only requires that students have an interest in the area of Economics. For students to meet the academic requirements for Professional Membership of the Economics Society of Australia (QLD), requires that students have held an Ordinary Membership of the Economics Society of Australia for one year and have completed a Bachelor of Business majoring in Economics.

Students completing the Bachelor of Business (Economics) with a double major in Banking and Finance with appropriate elective choices and unit substitution meet the academic requirements for Senior Associate Membership of the Australasian Institute of Banking and Finance AIBF (Snr).

Students completing the Bachelor of Business (Economics) with a double major in Accountancy, with appropriate elective choices and unit substitutions, may meet the academic requirements for Associate Membership of CPA Australia and enrolment in the CPA program. Students may also be eligible for enrolment in the CA program of The Institute of Chartered Accountants in Australia (ICAA).

## Full-time Course structure

### Year 1, Semester 1

BSB113	Economics
BSB119	International and Electronic Business
BSB122	Quantitative Analysis and Finance
BSB126	Marketing

### Year 1, Semester 2

BSB110	Accounting
BSB115	Management, People and Organisations
EFB101	Data Analysis for Business
EFB102	Economics 2

### Year 2, Semester 1

BSB111	Business Law and Ethics
EFB202	Business Cycles and Economic Growth
EFB211	Firms, Markets and Resources
	Double Major/Extended Major/Specialisation unit

### Year 2, Semester 2

BSB114	Government, Business and Society
EFB314	International Trade and Economic Competitiveness
EFB323	Financial and Monetary Economics
	Double Major/Extended Major/Specialisation unit

### Year 3, Semester 1

	Double Major/Extended Major/Specialisation unit
	Double Major/Extended Major/Specialisation unit
	Elective unit
	Elective unit

### Year 3, Semester 2

	Double Major/Extended Major/Specialisation unit
	Double Major/Extended Major/Specialisation unit
	Elective unit
	Elective unit

## Part-time Course Structure

### Year 1, Semester 1

BSB119	International and Electronic Business
BSB113	Economics

### Year 1, Semester 2

BSB115	Management, People and Organisations
EFB102	Economics 2

### Year 2, Semester 1

BSB122	Quantitative Analysis and Finance
BSB126	Marketing

### Year 2, Semester 2

BSB110	Accounting
BSB114	Government, Business and Society

### Year 3, Semester 1

EFB202	Business Cycles and Economic Growth
EFB211	Firms, Markets and Resources

### Year 3, Semester 2

EFB314	International Trade and Economic Competitiveness
EFB323	Financial and Monetary Economics

### Year 4, Semester 1

BSB111	Business Law and Ethics
	Double Major/Extended Major/Specialisation Unit

### Year 4, Semester 2

EFB101	Data Analysis for Business
	Double Major/Extended Major/Specialisation unit

### Year 5, Semester 1

	Double Major/Extended Major/Specialisation unit
	Double Major/Extended Major/Specialisation unit

### Year 5, Semester 2

	Double Major/Extended Major/Specialisation unit
	Double Major/Extended Major/Specialisation unit

### Year 6, Semester 1

	Elective unit
	Elective unit

### Year 6, Semester 2

	Elective unit
	Elective unit

## Full-time Extended Major in Financial Economics

### Year 1, Semester 1

BSB113	Economics
BSB119	International and Electronic Business
BSB122	Quantitative Analysis and Finance
BSB126	Marketing

### Year 1, Semester 2

BSB110	Accounting
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BSB115	Management, People and Organisations
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EFB101	Data Analysis for Business
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EFB102	Economics 2
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### Year 2, Semester 1

BSB111	Business Law and Ethics
EFB202	Business Cycles and Economic Growth
EFB211	Firms, Markets and Resources
EFB210	Finance 1

### Year 2, Semester 2

BSB114	Government, Business and Society
EFB314	International Trade and Economic Competitiveness
EFB323	Financial and Monetary Economics
EFB325	Financial Microeconomics

### Year 3, Semester 1

EFB324	Macroeconomics and Global Financial Markets
	Financial Economics Extended Major unit
	Elective unit
	Elective unit

### Year 3, Semester 2

EFB326	Applied Portfolio Management
	Financial Economics Extended Major unit
	Elective unit
	Elective unit

## Financial Economics Extended Major List

Choose two from the following units:

EFB200	Applied Regression Analysis
EFB201	Financial Markets
EFB327	Econometrics of Financial Markets
EFB328	Public Economics and Finance

## Part-time Extended Major in Financial Economics

### Year 1, Semester 1

BSB113	Economics
BSB119	International and Electronic Business

### Year 1, Semester 2

BSB115	Management, People and Organisations
EFB102	Economics 2

### Year 2, Semester 1

BSB122	Quantitative Analysis and Finance
BSB126	Marketing

### Year 2, Semester 2

BSB110	Accounting
BSB114	Government, Business and Society

### Year 3, Semester 1

EFB202	Business Cycles and Economic Growth
EFB211	Firms, Markets and Resources

### Year 3, Semester 2

EFB314	International Trade and Economic Competitiveness
EFB323	Financial and Monetary Economics

### Year 4, Semester 1

BSB111	Business Law and Ethics
EFB210	Finance 1

### Year 4, Semester 2

EFB101	Data Analysis for Business
EFB325	Financial Microeconomics

### Year 5, Semester 1

EFB324	Macroeconomics and Global Financial Markets
	Financial Economics Extended Major unit

### Year 5, Semester 2

EFB326	Applied Portfolio Management
	Financial Economics Extended Major unit

### Year 6, Semester 1

	Elective unit
	Elective unit

### Year 6, Semester 2

	Elective unit
	Elective unit

## Financial Economics Extended Major List

Choose two from the following units:

EFB200	Applied Regression Analysis
EFB201	Financial Markets
EFB327	Econometrics of Financial Markets
EFB328	Public Economics and Finance

## ■ Bachelor of Business (Electronic Business) (BS56)

**Award title:** Bachelor of Business (Electronic Business)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Ms Sherrena Buckby

### BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

### Other Majors

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

### Professional Recognition

Students completing the Bachelor of Business (Electronic Business) with a double major in Accountancy may meet the academic requirements of CPA Australia and the Institute of Chartered Accountants in Australia by undertaking specified QUT units (normally four) as general electives in the course program.

Students will also meet the academic requirements for enrolment in the Graduate Diploma in Applied Corporate Governance at the Chartered Secretaries Australia (CSA). On completion of the Graduate Diploma in Applied Corporate Governance, students will meet the academic requirements for professional membership of the Chartered Secretaries of Australia.

For further information and specific course structures for professional recognition, please contact the School of Accountancy on 07 3864 5292 or email accenq@qut.edu.au (Note that students with advanced standing (ie academic credit) may be required to undertake additional studies in order to meet professional body requirements. Students must also comply with CPA Australia policy on conceded and terminal passes).

### Full-time Course Structure

#### Year 1, Semester 1

BSB111 Business Law and Ethics  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 1, Semester 2

BSB110 Accounting  
BSB113 Economics  
BSB115 Management, People and Organisations  
ITB825 Electronic Business Information Systems

#### Year 2, Semester 1

BSB114 Government, Business and Society  
BSB212 Electronic Business Applications  
Double major unit  
Electronic Business Elective unit\*

#### Year 2, Semester 2

BSB213 Legal Issues in Electronic Business  
Double major unit  
Double major unit  
Elective unit

#### Year 3, Semester 1

MGB334 Managing in a Changing Environment  
Double major unit  
Double major unit  
Elective unit

#### Year 3, Semester 2

BSB314 E-Business Intelligence  
Double major unit

Elective unit

Elective unit

\*this elective unit must be selected from the list of Electronic Business Elective Units below.

### Part-time Course Structure

#### Year 1, Semester 1

BSB111 Business Law and Ethics  
BSB119 International and Electronic Business

#### Year 1, Semester 2

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 2, Semester 1

BSB110 Accounting  
BSB113 Economics

#### Year 2, Semester 2

BSB115 Management, People and Organisations  
ITB825 Electronic Business Information Systems

#### Year 3, Semester 1

BSB114 Government, Business and Society  
BSB212 Electronic Business Applications

#### Year 3, Semester 2

Double Major unit  
Electronic Business Elective unit\*

#### Year 4, Semester 1

Double Major unit  
Elective unit

#### Year 4, Semester 2

BSB213 Legal Issues in Electronic Business  
Double Major unit

#### Year 5, Semester 1

MGB334 Managing in a Changing Environment  
Double Major unit

#### Year 5, Semester 2

BSB314 E-Business Intelligence  
Double Major unit

#### Year 6, Semester 1

Double Major unit  
Elective unit

#### Year 6, Semester 2

Elective unit  
Elective unit  
\*this elective unit must be selected from the list of Electronic Business Elective Units below.

### Electronic Business Elective Unit List

Students are required to undertake at least one unit from the following:

AMB230 Internet Promotion  
AYB221 Computerised Accounting Systems  
IBB303 International Logistics  
ITB233 Enterprise Systems Applications  
ITB823 Web Sites For Electronic Commerce  
MGB216 Managing Technology, Innovation and Knowledge  
MGB304 Human Resource Information Management

## ■ Bachelor of Business (Human Resource Management) (BS56)

**Award title:** Bachelor of Business (Human Resource Management)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Amanda Gudmundsson

### BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

### Campus of Offer

Please note that for the offering on Carseldine Campus, students must transfer to Gardens Point campus after the completion of

their first year (ie 96 credit points of study), for the remainder of the course.

For international students, this course is only offered on Gardens Point campus.

### Other Majors

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, International Business, Management, Marketing, and Public Relations.

### Professional Recognition

Students completing the Bachelor of Business majoring in Human Resource Management meet the academic requirements for membership of the Australian Human Resources Institute, the Australian Institute of Management and the Australian Institute of Training and Development. In addition, students undertaking both units MGB331 Training and Development and MGB325 Advanced Practice in Training and Development may be eligible for the Certificate IV in Assessment and Workplace Training.

Students will also meet the academic requirements for enrolment in the Graduate Diploma in Applied Corporate Governance at the Chartered Secretaries Australia (CSA). On completion of the Graduate Diploma in Applied Corporate Governance, students will meet the academic requirements for professional membership of the Chartered Secretaries of Australia.

### Full-time Course Structure

#### Year 1, Semester 1

BSB115 Management, People and Organisations  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 1, Semester 2

BSB114 Government, Business and Society  
MGB207 Human Resource Issues and Strategy  
MGB220 Management Research Methods  
MGB222 Managing Organisations

#### Year 2, Semester 1

MGB211 Organisational Behaviour  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit  
Elective unit

#### Year 2, Semester 2

BSB110 Accounting  
BSB113 Economics  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

MGB314 Organisational Consulting and Change  
Elective unit  
Elective unit  
Elective unit

#### Year 3, Semester 2

BSB111 Business Law and Ethics  
MGB309 Strategic Management  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit

The unit MGB220 Management Research Methods and AMB201 Market and Audience Research are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

### Part-time Course Structure

#### Year 1, Semester 1

BSB113 Economics  
BSB114 Government, Business and Society

#### Year 1, Semester 2

BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance

#### Year 2, Semester 1

MGB220 Management Research Methods  
MGB222 Managing Organisations

#### Year 2, Semester 2

BSB119 International and Electronic Business  
MGB211 Organisational Behaviour

#### Year 3, Semester 1

BSB110 Accounting  
MGB207 Human Resource Issues and Strategy

#### Year 3, Semester 2

BSB126 Marketing  
MGB314 Organisational Consulting and Change

#### Year 4, Semester 1

BSB111 Business Law and Ethics  
Double Major/Extended Major/Specialisation Unit

#### Year 4, Semester 2

Double Major/Extended Major/Specialisation Unit  
Elective unit

#### Year 5, Semester 1

Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit

#### Year 5, Semester 2

Double Major/Extended Major/Specialisation unit  
Elective unit

#### Year 6, Semester 1

MGB309 Strategic Management  
Elective unit

#### Year 6, Semester 2

Double Major/Extended Major/Specialisation unit  
Elective unit

The unit MGB220 Management Research Methods and AMB201 Market and Audience Research are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both AMB201 & MGB220 will be required to undertake an approved substitute unit to satisfy course requirements.

### Full-time Extended Major in Human Resource Management

#### Year 1, Semester 1

BSB115 Management, People and Organisations  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 1, Semester 2

BSB114 Government, Business and Society  
MGB207 Human Resource Issues and Strategy  
MGB220 Management Research Methods  
MGB222 Managing Organisations

#### Year 2, Semester 1

MGB201 The Legal Context of Employment Relations  
MGB211 Organisational Behaviour  
MGB221 Performance and Reward  
Elective unit

#### Year 2, Semester 2

BSB110 Accounting  
BSB113 Economics  
MGB331 Training and Development  
MGB320 Recruitment and Selection

#### Year 3, Semester 1

MGB314 Organisational Consulting and Change  
Elective unit  
Elective unit  
Elective unit

#### Year 3, Semester 2

BSB111 Business Law and Ethics  
MGB309 Strategic Management  
MGB315 Personal and Professional Development  
MGB304 Human Resource Information Management

### Part-time Extended Major in Human Resource Management

#### Year 1, Semester 1

BSB113 Economics  
BSB114 Government, Business and Society

#### Year 1, Semester 2

BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance

#### Year 2, Semester 1

MGB220 Management Research Methods  
MGB222 Managing Organisations

**Year 2, Semester 2**

BSB119 International and Electronic Business  
MGB211 Organisational Behaviour

**Year 3, Semester 1**

BSB110 Accounting  
MGB207 Human Resource Issues and Strategy

**Year 3, Semester 2**

BSB126 Marketing  
MGB314 Organisational Consulting and Change

**Year 4, Semester 1**

BSB111 Business Law and Ethics  
MGB221 Performance and Reward

**Year 4, Semester 2**

MGB320 Recruitment and Selection  
Elective unit

**Year 5, Semester 1**

MGB201 The Legal Context of Employment Relations  
MGB315 Personal and Professional Development

**Year 5, Semester 2**

MGB331 Training and Development  
Elective unit

**Year 6, Semester 1**

MGB309 Strategic Management  
Elective unit

**Year 6, Semester 2**

MGB304 Human Resource Information Management  
Elective unit

## ■ Bachelor of Business (International Business) (BS56)

**Award title:** Bachelor of Business (International Business)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Beverley Kitching

### BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

### Other Majors

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, Management, Marketing, and Public Relations.

### Professional Recognition

Students completing the Bachelor of Business majoring in International Business may meet the requirements of the Australian Institute of Export.

Students will also meet the academic requirements for enrolment in the Graduate Diploma in Applied Corporate Governance at the Chartered Secretaries Australia (CSA). On completion of the Graduate Diploma in Applied Corporate Governance, students will meet the academic requirements for professional membership of the Chartered Secretaries of Australia.

### Languages Option

The course structure for both full-time and part-time International Business students varies depending on whether languages are selected as an option. Alternative course structures are included: one outlines the course structure if no languages are taken, the other outlines the structure for those who wish to undertake a language specialisation. If languages are taken as a specialisation, language units should commence in the first semester of the first year to maintain continuity from earlier pre-QUT language studies. All language units must normally be taken in the same

language. International students must take a language that is not their native tongue.

### Full-time Course Structure

#### Year 1, Semester 1

BSB113 Economics  
BSB115 Management, People and Organisations  
BSB119 International and Electronic Business  
BSB126 Marketing

#### Year 1, Semester 2

BSB114 Government, Business and Society  
BSB122 Quantitative Analysis and Finance  
IBB202 International Business Development and Finance  
IBB213 International Marketing

#### Year 2, Semester 1

BSB110 Accounting  
BSB111 Business Law and Ethics  
IBB210 Export Management  
Area Study 1

#### Year 2, Semester 2

Area Study 2  
Double Major/Extended Major/ Specialisation unit  
Double Major/Extended Major/ Specialisation unit  
Elective unit

#### Year 3, Semester 1

Double Major/Extended Major/ Specialisation unit  
Double Major/Extended Major/ Specialisation unit  
Double Major/Extended Major/ Specialisation unit  
Elective unit

#### Year 3, Semester 2

IBB300 International Business Strategy  
Double Major/Extended Major/ Specialisation unit  
Elective unit  
Elective unit

#### Area Study Options:

Students must complete one of the following pairs of area study units:

IBB208 European Business Development  
IBB308 Contemporary Business in Europe, or  
IBB217 Asian Business Development  
IBB317 Contemporary Business in Asia

### Part-time Course Structure

#### Year 1, Semester 1

BSB114 Government, Business and Society  
BSB119 International and Electronic Business

#### Year 1, Semester 2

BSB110 Accounting  
BSB115 Management, People and Organisations

#### Year 2, Semester 1

BSB113 Economics  
BSB126 Marketing

#### Year 2, Semester 2

IBB202 International Business Development and Finance  
IBB213 International Marketing

#### Year 3, Semester 1

IBB210 Export Management  
Double Major/Extended Major/ Specialisation unit

#### Year 3, Semester 2

BSB111 Business Law and Ethics  
Double Major/Extended Major/ Specialisation unit

#### Year 4, Semester 1

BSB122 Quantitative Analysis and Finance  
Double Major/Extended Major/ Specialisation unit

#### Year 4, Semester 2

IBB300 International Business Strategy  
Double Major/Extended Major/ Specialisation unit

#### Year 5, Semester 1

Area Study 1  
Double Major/Extended Major/ Specialisation unit

#### Year 5, Semester 2

Area Study 2  
Elective unit

#### Year 6, Semester 1

Double Major/Extended Major/ Specialisation unit  
Elective unit

#### Year 6, Semester 2

Elective unit  
Elective unit



**Area Study Options:**

Students must select one of the following pairs of area study units:

IBB208	European Business Development
IBB308	Contemporary Business in Europe, or
IBB217	Asian Business Development
IBB317	Contemporary Business in Asia

**Full-time Extended Major in International Business**

**Year 1, Semester 1**

BSB113	Economics
BSB115	Management, People and Organisations
BSB119	International and Electronic Business
BSB126	Marketing

**Year 1, Semester 2**

BSB114	Government, Business and Society
BSB122	Quantitative Analysis and Finance
IBB202	International Business Development and Finance
IBB213	International Marketing

**Year 2, Semester 1**

BSB110	Accounting
BSB111	Business Law and Ethics
IBB210	Export Management
	Area Study 1

**Year 2, Semester 2**

IBB311	Globalisation and Theoretical Perspectives on Internationalisation
	Area Study 2
	International Business Extended Major unit
	Elective unit

**Year 3, Semester 1**

IBB304	Global Industry Analysis
	International Business Extended Major unit
	International Business Extended Major unit
	Elective unit

**Year 3, Semester 2**

IBB300	International Business Strategy
	International Business Extended Major unit
	Elective unit
	Elective unit

**Extended Major Units**

Four of the following units must be selected including one level 3 unit (IBB3xx).

IBB101	Business in Australia
IBB205	Cross-Cultural Communication and Negotiation
IBB223	Emerging Technologies and International Business
IBB231	Business Study Tour to China
IBB232	Business Study Tour to India
IBB301	Institutional Development & Business Dynamics
IBB303	International Logistics
IBB306	Risk management in International Business
IBB312	Special Topic International Business
IBB322	Independent Study Project International Business

**Area Study Options**

Students must complete one of the following pairs of area study units:

IBB208	European Business Development
IBB308	Contemporary Business in Europe, or
IBB217	Asian Business Development
IBB317	Contemporary Business in Asia

**Part-time Extended Major in International Business**

**Year 1, Semester 1**

BSB114	Government, Business and Society
BSB119	International and Electronic Business

**Year 1, Semester 2**

BSB110	Accounting
BSB115	Management, People and Organisations

**Year 2, Semester 1**

BSB113	Economics
BSB126	Marketing

**Year 2, Semester 2**

IBB202	International Business Development and Finance
IBB213	International Marketing

**Year 3, Semester 1**

IBB210	Export Management
IBB304	Global Industry Analysis

**Year 3, Semester 2**

BSB111	Business Law and Ethics
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IBB311	Globalisation and Theoretical Perspectives on Internationalisation
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**Year 4, Semester 1**

BSB122	Quantitative Analysis and Finance
	International Business Extended Major unit

**Year 4, Semester 2**

IBB300	International Business Strategy
	International Business Extended Major unit

**Year 5, Semester 1**

	Area Study 1
	International Business Extended Major unit

**Year 5, Semester 2**

	Area Study 2
	Elective unit

**Year 6, Semester 1**

	International Business Extended Major unit
	Elective unit

**Year 6, Semester 2**

	Elective unit
	Elective unit

**Extended Major Units**

Four of the following units must be selected including one level 3 unit (IBB3xx)

IBB101	Business in Australia
IBB205	Cross-Cultural Communication and Negotiation
IBB223	Emerging Technologies and International Business
IBB231	Business Study Tour to China
IBB232	Business Study Tour to India
IBB301	Institutional Development & Business Dynamics
IBB303	International Logistics
IBB306	Risk management in International Business
IBB312	Special Topic International Business
IBB322	Independent Study Project International Business

**Area Study Options**

Students must complete one of the following pairs of area study units:

IBB208	European Business Development
IBB308	Contemporary Business in Europe, or
IBB217	Asian Business Development
IBB317	Contemporary Business in Asia

**Full-time Course Structure Language Specialisation**

**Year 1, Semester 1**

BSB113	Economics
BSB119	International and Electronic Business
BSB126	Marketing
	Language 1

**Year 1, Semester 2**

BSB115	Management, People and Organisations
IBB210	Export Management
IBB213	International Marketing
	Language 2

**Year 2, Semester 1**

BSB111	Business Law and Ethics
BSB114	Government, Business and Society
	Area Study 1
	Language 3

**Year 2, Semester 2**

BSB110	Accounting
BSB122	Quantitative Analysis and Finance
	Area Study 2
	Language 4

**Year 3, Semester 1**

IBB202	International Business Development and Finance
	Elective unit
	Elective unit
	PLUS ONE OF THE FOLLOWING:
	Language 5 OR

IBB205	Cross-Cultural Communication and Negotiation
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**Year 3, Semester 2**

IBB300	International Business Strategy
	Elective unit
	Elective unit
	PLUS ONE OF THE FOLLOWING:
	Language 6 OR
	International Business Elective unit (IBB2xx or IBB3xx)

### Area Study Options

Students must complete one of the following pairs of area study units:

- IBB208 European Business Development
- IBB308 Contemporary Business in Europe, or
- IBB217 Asian Business Development
- IBB317 Contemporary Business in Asia

### List of Languages

French  
German  
Indonesian  
Japanese  
The same language must be studied for at least four levels.  
International students must take a language that is not their native tongue

## Part-time Course Structure Language Specialisation

### Year 1, Semester 1

- BSB119 International and Electronic Business Language 1

### Year 1, Semester 2

- BSB115 Management, People and Organisations Language 2

### Year 2, Semester 1

- BSB126 Marketing Language 3

### Year 2, Semester 2

- BSB113 Economics Language 4

### Year 3, Semester 1

- BSB122 Quantitative Analysis and Finance PLUS ONE OF THE FOLLOWING: Language 5 OR
- IBB205 Cross-Cultural Communication and Negotiation

### Year 3, Semester 2

- BSB114 Government, Business and Society
- IBB213 International Marketing

### Year 4, Semester 1

- BSB111 Business Law and Ethics PLUS ONE OF THE FOLLOWING: Language 6 OR International Business Unit (IBB2xx, IBB3xx)

### Year 4, Semester 2

- IBB202 International Business Development and Finance Elective unit

### Year 5, Semester 1

- IBB210 Export Management Area Study 1

### Year 5, Semester 2

- IBB300 International Business Strategy Area Study 2

### Year 6, Semester 1

- BSB110 Accounting Elective unit

### Year 6, Semester 2

Elective unit  
Elective unit

### Area Study Options

Students must complete one of the following pairs of area study units:

- IBB208 European Business Development
- IBB308 Contemporary Business in Europe OR
- IBB217 Asian Business Development
- IBB317 Contemporary Business in Asia

## ■ Bachelor of Business (Management) (BS56)

**Award title:** Bachelor of Business (Management)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Glenda Maconachie

## BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

## Other Majors

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Marketing, and Public Relations.

## Professional Recognition

Students completing the Bachelor of Business majoring in Management meet the requirements for membership of the Australian Institute of Management.

Students will also meet the academic requirements for enrolment in the Graduate Diploma in Applied Corporate Governance at the Chartered Secretaries Australia (CSA). On completion of the Graduate Diploma in Applied Corporate Governance, students will meet the academic requirements for professional membership of the Chartered Secretaries of Australia.

## Full-time Course structure

### Year 1, Semester 1

- BSB115 Management, People and Organisations
- BSB119 International and Electronic Business
- BSB122 Quantitative Analysis and Finance
- BSB126 Marketing

### Year 1, Semester 2

- BSB113 Economics
- BSB114 Government, Business and Society
- MGB220 Management Research Methods
- MGB222 Managing Organisations

### Year 2, Semester 1

- MGB210 Production and Service Management
- MGB211 Organisational Behaviour Double Major/Extended Major/Specialisation unit Elective unit

### Year 2, Semester 2

- BSB110 Accounting
- MGB334 Managing in a Changing Environment Double Major/Extended Major/Specialisation unit Elective unit

### Year 3, Semester 1

Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit  
Elective unit

### Year 3, Semester 2

- BSB111 Business Law and Ethics
- MGB309 Strategic Management Double Major/Extended Major/Specialisation unit Elective unit
- The unit MGB220 Management Research Methods and AMB201 Market and Audience Research are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

## Part-time Course Structure

### Year 1, Semester 1

- BSB113 Economics
- BSB114 Government, Business and Society

### Year 1, Semester 2

- BSB115 Management, People and Organisations
- BSB122 Quantitative Analysis and Finance

### Year 2, Semester 1

- MGB220 Management Research Methods
- MGB222 Managing Organisations

### Year 2, Semester 2

- BSB119 International and Electronic Business
- MGB211 Organisational Behaviour

### Year 3, Semester 1

- BSB110 Accounting Double Major/Extended Major/Specialisation unit

**Year 3, Semester 2**

BSB126 Marketing  
MGB210 Production and Service Management

**Year 4, Semester 1**

BSB111 Business Law and Ethics  
MGB334 Managing in a Changing Environment

**Year 4, Semester 2**

Double Major/Extended Major/Specialisation unit  
Elective unit

**Year 5, Semester 1**

Double Major/Extended Major/Specialisation unit  
Double Major/Extended Major/Specialisation unit

**Year 5, Semester 2**

Double Major/Extended Major/Specialisation unit  
Elective unit

**Year 6, Semester 1**

MGB309 Strategic Management  
Double Major/Extended Major/Specialisation unit

**Year 6, Semester 2**

Elective unit  
Elective unit  
The unit MGB220 Management Research Methods and AMB201 Market and Audience Research are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both AMB201 & MGB220 will be required to undertake an approved substitute unit to satisfy course requirements.

**Full-time Course structure Extended Major in Management**

**Year 1, Semester 1**

BSB115 Management, People and Organisations  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

**Year 1, Semester 2**

BSB113 Economics  
BSB114 Government, Business and Society  
MGB220 Management Research Methods  
MGB222 Managing Organisations

**Year 2, Semester 1**

MGB210 Production and Service Management  
MGB211 Organisational Behaviour  
MGB216 Managing Technology, Innovation and Knowledge  
Elective unit

**Year 2, Semester 2**

BSB110 Accounting  
MGB334 Managing in a Changing Environment  
Extended Major Option unit  
Elective unit

**Year 3, Semester 1**

MGB314 Organisational Consulting and Change  
MGB312 Negotiation Skills  
Extended Major Option unit  
Elective unit

**Year 3, Semester 2**

BSB111 Business Law and Ethics  
MGB309 Strategic Management  
MGB315 Personal and Professional Development  
Elective unit

**Extended Major Option Units**

Students need to complete, either:  
ITB233 Enterprise Systems Applications, or  
MGB335 Project Management, AND either:  
MGB218 Venture Skills, or  
MGB223 Creating New Enterprises

**Part-time Course Structure Extended Major in Management**

**Year 1, Semester 1**

BSB113 Economics  
BSB114 Government, Business and Society

**Year 1, Semester 2**

BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance

**Year 2, Semester 1**

MGB220 Management Research Methods  
MGB222 Managing Organisations

**Year 2, Semester 2**

BSB119 International and Electronic Business  
MGB211 Organisational Behaviour

**Year 3, Semester 1**

BSB110 Accounting  
MGB216 Managing Technology, Innovation and Knowledge

**Year 3, Semester 2**

BSB126 Marketing  
MGB210 Production and Service Management

**Year 4, Semester 1**

BSB111 Business Law and Ethics  
MGB334 Managing in a Changing Environment

**Year 4, Semester 2**

MGB314 Organisational Consulting and Change  
Elective unit

**Year 5, Semester 1**

MGB312 Negotiation Skills  
Extended Major Option unit

**Year 5, Semester 2**

Extended Major Option unit  
Elective unit

**Year 6, Semester 1**

MGB309 Strategic Management  
MGB315 Personal and Professional Development

**Year 6, Semester 2**

Elective unit  
Elective unit

**Extended Major Option Units**

Students need to complete either:  
ITB233 Enterprise Systems Applications, or  
MGB335 Project Management, AND either:  
MGB218 Venture Skills, or  
MGB223 Creating New Enterprises

**■ Bachelor of Business (Marketing) (BS56)**

**Award title:** Bachelor of Business (Marketing)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Dr Yunus Ali

**BS56 Course Notes**

See BS56 Course Notes entry for information about the course design and definitions.

**Other Majors**

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, and Public Relations.

**Professional Recognition**

Students completing the Bachelor of Business majoring in Marketing may meet the requirements for membership of Australian Marketing Institute, the Market Research Society of Australia, the Australian Institute of Management and the American Marketing Association.

Students will also meet the academic requirements for enrolment in the Graduate Diploma in Applied Corporate Governance at the Chartered Secretaries Australia (CSA). On completion of the Graduate Diploma in Applied Corporate Governance, students will meet the academic requirements for professional membership of the Chartered Secretaries of Australia.

**Full-time Course Structure**

**Year 1, Semester 1**

BSB114 Government, Business and Society  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance

BSB126 Marketing  
**Year 1, Semester 2**  
 AMB200 Consumer Behaviour  
 AMB240 Marketing Planning and Management  
 BSB115 Management, People and Organisations  
 Double Major/Extended Major/Specialisation unit

**Year 2, Semester 1**  
 AMB201 Marketing and Audience Research  
 BSB110 Accounting  
 Double Major/Extended Major/Specialisation unit  
 Double Major/Extended Major/Specialisation unit

**Year 2, Semester 2**  
 AMB241 E-Marketing Strategies  
 BSB111 Business Law and Ethics  
 BSB113 Economics  
 Double Major/Extended Major/Specialisation unit

**Year 3, Semester 1**  
 AMB340 Services Marketing  
 Double Major/Extended Major/Specialisation unit  
 Elective unit  
 Elective unit

**Year 3, Semester 2**  
 AMB341 Strategic Marketing  
 Double Major/Extended Major/Specialisation unit  
 Elective unit  
 Elective unit  
 The unit MGB220 Management Research Methods and  
 AMB201 Market and Audience Research are incompatible  
 units. Students undertaking HRM or Management as a double  
 major should contact the school for enrolment advice. From  
 Semester 2, 2003 students who complete both MGB220 &  
 AMB201 will be required to undertake an approved substitute  
 unit to satisfy course requirements.

### Part-time Course Structure

**Year 1, Semester 1**  
 BSB122 Quantitative Analysis and Finance  
 BSB126 Marketing

**Year 1, Semester 2**  
 BSB114 Government, Business and Society  
 BSB119 International and Electronic Business

**Year 2, Semester 1**  
 AMB200 Consumer Behaviour  
 AMB240 Marketing Planning and Management

**Year 2, Semester 2**  
 BSB115 Management, People and Organisations  
 Double Major/Extended Major/Specialisation unit

**Year 3, Semester 1**  
 BSB110 Accounting  
 Double Major/Extended Major/Specialisation unit

**Year 3, Semester 2**  
 AMB201 Marketing and Audience Research  
 Double Major/Extended Major/Specialisation unit

**Year 4, Semester 1**  
 AMB241 E-Marketing Strategies  
 BSB111 Business Law and Ethics

**Year 4, Semester 2**  
 AMB340 Services Marketing  
 BSB113 Economics

**Year 5, Semester 1**  
 AMB341 Strategic Marketing  
 Double Major/Extended Major/Specialisation unit

**Year 5, Semester 2**  
 Double Major/Extended Major/Specialisation unit  
 Elective unit

**Year 6, Semester 1**  
 Double Major/Extended Major/Specialisation unit  
 Elective unit

**Year 6, Semester 2**  
 Elective unit  
 Elective unit  
 The unit MGB220 Management Research Methods and  
 AMB201 Market and Audience Research are incompatible  
 units. Students undertaking Management or HRM as a double  
 major should contact the school for enrolment advice. From  
 semester 2, 2003 students who complete both AMB201 &  
 MGB220 will be required to undertake an approved substitute  
 unit to satisfy course requirements.

### Full-time Extended Major in Marketing

**Year 1, Semester 1**  
 BSB114 Government, Business and Society  
 BSB119 International and Electronic Business  
 BSB122 Quantitative Analysis and Finance  
 BSB126 Marketing

**Year 1, Semester 2**  
 BSB115 Management, People and Organisations  
 AMB200 Consumer Behaviour  
 AMB240 Marketing Planning and Management  
 Marketing Extended Major unit

**Year 2, Semester 1**  
 BSB110 Accounting  
 AMB201 Marketing and Audience Research  
 Marketing Extended Major unit  
 Marketing Extended Major unit

**Year 2, Semester 2**  
 AMB241 E-Marketing Strategies  
 BSB111 Business Law and Ethics  
 BSB113 Economics  
 Marketing Extended Major unit

**Year 3, Semester 1**  
 AMB340 Services Marketing  
 Marketing Extended Major unit  
 Elective unit  
 Elective unit

**Year 3, Semester 2**  
 AMB341 Strategic Marketing  
 Marketing Extended Major unit  
 Elective unit  
 Elective unit

### Part-time Extended Major in Marketing

**Year 1, Semester 1**  
 BSB122 Quantitative Analysis and Finance  
 BSB126 Marketing

**Year 1, Semester 2**  
 BSB114 Government, Business and Society  
 BSB119 International and Electronic Business

**Year 2, Semester 1**  
 AMB200 Consumer Behaviour  
 AMB240 Marketing Planning and Management

**Year 2, Semester 2**  
 BSB115 Management, People and Organisations  
 Marketing Extended Major unit

**Year 3, Semester 1**  
 BSB110 Accounting  
 Marketing Extended Major unit

**Year 3, Semester 2**  
 AMB201 Marketing and Audience Research  
 Marketing Extended Major unit

**Year 4, Semester 1**  
 AMB241 E-Marketing Strategies  
 BSB111 Business Law and Ethics

**Year 4, Semester 2**  
 AMB340 Services Marketing  
 BSB113 Economics

**Year 5, Semester 1**  
 AMB341 Strategic Marketing  
 Marketing Extended Major unit

**Year 5, Semester 2**  
 Marketing Extended Major unit  
 Elective unit

**Year 6, Semester 1**  
 Marketing Extended Major unit  
 Elective unit

**Year 6, Semester 2**  
 Elective unit  
 Elective unit

### Marketing Extended Major Units

Students are required to choose 6 of the following units:

AMB202 Integrated Marketing Communication  
 AMB220 Advertising Theory and Practice  
 AMB250 Business to Business Marketing  
 AMB251 Innovation and Market Development  
 AMB260 Public Relations Theory and Practice  
 AMB310 Internship  
 AMB350 Relationship and Sales Management

AMB351	Tourism Marketing
AMB352	Marketing Decision Making
AMB353	Retail Marketing
AMB354	Events Marketing
IBB213	International Marketing

## ■ Bachelor of Business (Public Relations) (BS56)

**Award title:** Bachelor of Business (Public Relations)

**CRICOS code:** 003491G

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Andrew Paltridge

**Discipline coordinator:** Ms Robina Xavier

### BS56 Course Notes

See BS56 Course Notes entry for information about the course design and definitions.

### Other Majors

See also separate entries for the following majors in this course: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, and Marketing.

### Professional Recognition

Students completing the Bachelor of Business majoring in Public Relations meet requirements for membership to the Public Relations Institute of Australia.

Students will also meet the academic requirements for enrolment in the Graduate Diploma in Applied Corporate Governance at the Chartered Secretaries Australia (CSA). On completion of the Graduate Diploma in Applied Corporate Governance, students will meet the academic requirements for professional membership of the Chartered Secretaries of Australia.

### Full-time Course Structure

#### Year 1, Semester 1

BSB114	Government, Business and Society
BSB119	International and Electronic Business
BSB122	Quantitative Analysis and Finance
BSB126	Marketing

#### Year 1, Semester 2

AMB260	Public Relations Theory and Practice
BSB115	Management, People and Organisations
	Double Major/Extended Major/Specialisation unit
	Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 1

AMB201	Marketing and Audience Research
AMB261	Media Relations and Publicity
BSB110	Accounting
	Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 2

AMB262	Public Relations Writing
BSB111	Business Law and Ethics
BSB113	Economics
	Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 1

AMB360	Corporate Communication Management
	Double Major/Extended Major/Specialisation unit
	Elective unit
	Elective unit

#### Year 3, Semester 2

AMB361	Public Relations Campaigns
	Double Major/Extended Major/Specialisation unit
	Elective unit
	Elective unit

The unit MGB220 Management Research Methods and AMB201 Market and Audience Research are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both

MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

### Part-time Course Structure

#### Year 1, Semester 1

BSB122	Quantitative Analysis and Finance
BSB126	Marketing

#### Year 1, Semester 2

BSB114	Government, Business and Society
BSB119	International and Electronic Business

#### Year 2, Semester 1

AMB260	Public Relations Theory and Practice
	Double Major/Extended Major/Specialisation unit

#### Year 2, Semester 2

AMB261	Media Relations and Publicity
BSB115	Management, People and Organisations

#### Year 3, Semester 1

BSB110	Accounting
	Double Major/Extended Major/Specialisation unit

#### Year 3, Semester 2

AMB201	Marketing and Audience Research
	Double Major/Extended Major/Specialisation unit

#### Year 4, Semester 1

AMB262	Public Relations Writing
BSB111	Business Law and Ethics

#### Year 4, Semester 2

AMB360	Corporate Communication Management
BSB113	Economics

#### Year 5, Semester 1

AMB361	Public Relations Campaigns
	Double Major/Extended Major/Specialisation unit

#### Year 5, Semester 2

	Double Major/Extended Major/Specialisation unit
	Elective unit

#### Year 6, Semester 1

	Double Major/Extended Major/Specialisation unit
	Elective unit

#### Year 6, Semester 2

	Elective unit
	Elective unit

The unit MGB220 Management Research Methods and AMB201 Market and Audience Research are incompatible units. Students undertaking Management or HRM as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both AMB201 & MGB220 will be required to undertake an approved substitute unit to satisfy course requirements.

### Full-time Extended Major in Public Relations

#### Year 1, Semester 1

BSB114	Government, Business and Society
BSB119	International and Electronic Business
BSB122	Quantitative Analysis and Finance
BSB126	Marketing

#### Year 1, Semester 2

AMB260	Public Relations Theory and Practice
BSB115	Management, People and Organisations
	Extended Major unit*
	Extended major unit*

#### Year 2, Semester 1

AMB201	Marketing and Audience Research
AMB202	Integrated Marketing Communication
AMB261	Media Relations and Publicity
BSB110	Accounting

#### Year 2, Semester 2

AMB262	Public Relations Writing
BSB111	Business Law and Ethics
BSB113	Economics
	Extended Major unit*

#### Year 3, Semester 1

AMB360	Corporate Communication Management
AMB370	Public Relations Cases
	Elective unit
	Elective unit

#### Year 3, Semester 2

AMB361	Public Relations Campaigns
AMB371	Corporate Communication Strategies
	Elective unit
	Elective unit

\*Any unit offered by the School of Advertising, Marketing and Public Relations.

### **Part-Time Extended Major in Public Relations**

#### ***Year 1, Semester 1***

BSB122 Quantitative Analysis and Finance

BSB126 Marketing

#### ***Year 1, Semester 2***

BSB114 Government, Business and Society

BSB119 International and Electronic Business

#### ***Year 2, Semester 1***

AMB202 Integrated Marketing Communication

AMB260 Public Relations Theory and Practice

#### ***Year 2, Semester 2***

AMB261 Media Relations and Publicity

BSB115 Management, People and Organisations

#### ***Year 3, Semester 1***

BSB110 Accounting

Extended Major unit\*

#### ***Year 3, Semester 2***

AMB201 Marketing and Audience Research

Extended Major unit\*

#### ***Year 4, Semester 1***

AMB262 Public Relations Writing

BSB111 Business Law and Ethics

#### ***Year 4, Semester 2***

AMB360 Corporate Communication Management

BSB113 Economics

#### ***Year 5, Semester 1***

AMB361 Public Relations Campaigns

AMB370 Public Relations Cases

#### ***Year 5, Semester 2***

AMB371 Corporate Communication Strategies

Elective unit

#### ***Year 6, Semester 1***

Extended Major unit\*

Elective unit

#### ***Year 6, Semester 2***

Elective unit

Elective unit

\*Any unit offered by the School of Advertising, Marketing and Public Relations.

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## Section Three – Course Information

# Creative Industries

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## OVERVIEW

QUT Creative Industries has a distinctive reputation, nationally and throughout the Asia-Pacific region, for its strong vocational focus, links with industry, and breadth of course offerings throughout a growing and changing industry sector.

Exciting creative industries study areas include:

- Acting and Technical Production
- Communication Design
- Creative Writing and Cultural Studies
- Dance
- Fashion
- Film and Television
- Journalism
- Media and Communication
- Music and Sound
- Performance Studies
- Visual Arts.

With common core creative industries units covering critical knowledge and skills, four types of degree programs are offered:

- studio/practice-based Bachelor of Fine Arts in the performing, creative and media production areas
- professional Bachelor degrees with a strong applied industry focus
- accelerated double degree courses with the faculties of Education, Business, Law and Information Technology
- the interdisciplinary Bachelor of Creative Industries.

In 2004, the Faculty moved to the new Creative Industries Precinct, the first stage of the multi-million dollar Kelvin Grove Urban Village. Purpose-built world class facilities include specialist design studios, production workshops, digital edit suites, newsrooms, multimedia production labs, interactive exhibition spaces, and post-production facilities. La Boite, one of Australia's most innovative theatre companies, also relocated to the Precinct with a new 400-seat venue.

Strong international links with Asia, the United States and Europe broaden students' cultural experiences through touring productions, study exchange programs and reporting trips, and further increase employment opportunities. Industry connections are fostered through mentor schemes, internships, professional practice placements, joint projects and advisory boards.

## SENIOR STAFF

### Faculty Office

*Acting Dean:* Professor S. Cunningham, BA(Hons) *Qld*, MA(Film & Communications) *McG*, PhD *Griff*, FAHA

*Faculty Administration Manager:* C. L. Russell, BCom *Griff*, MBA *C.Qld*

*Director, Academic Programs:* Associate Professor S. Towers, BEd *WACAE*, MEd *UWA*, PhD *QUT*

Professor J. Hartley, BA(Hons) *Wales*, PhD *Murdoch*, DLitt *Wales*, FRSA

### Creative Industries Research and Applications Centre

*Acting Director:* Professor G. Hearn, BSc (Hons) PhD *Qld*

### Acting and Technical Production

*Head:* D. Eden, BA *Qld*

### Communication Design

*Head:* Dr A. Russo, BDes(HumEnvDes) PhD *S Aust*

### Creative Writing and Cultural Studies

*Head:* Associate Professor P. M. Neilsen, BA(Hons) MA PhD *Qld*, ASA

### Dance

*Head:* Associate Professor C.F. Stock, BA(Hons) *Flinders*, PhD *QUT*

### Fashion

*Head:* Associate Professor S. Vaughan

### Film and Television

*Head:* Associate Professor G. Portmann

### Journalism

*Acting Head:* Associate Professor P. M. Neilsen, BA(Hons) MA PhD *Qld*, ASA

### Media and Communication

*Head:* Dr T. Flew, BEc (Hons) MEc *Syd*, PhD *Griff*, GradCertHigherEd *QUT*

### Music and Sound

*Head:* Professor A. Arthurs, BMus - Tonmeister (Hons) *Surrey*

### Performance Studies

*Head:* Associate Professor J. McLean, DipT *Kelvin Grove*, BA *Qld*, LSDA MED *Melb*

### Visual Arts

*Head:* Associate Professor D. Hawke, DipArt(Ed) *Syd*, BEd MA *Calg*, PhD *Alta*

## RESEARCH CENTRES

### Creative Industries Research and Applications Centre

QUT's Creative Industries Research and Applications Centre (CIRAC) provides a focus for the ongoing development of the creative industries as an industry sector through applied real-world research.

CIRAC provides a strategic and inspiring environment for postgraduate research training. At a local, national and international level, CIRAC actively progresses the following aims:

- map the growth and dynamics of the sector to show the extent and value of the creative industries in Australia and overseas
- assist the growth and diversification of creative applications in the new information economy, providing know-how and facilities to partners from government to micro-business
- produce both creative IP for commercialisation, and cutting-edge industry-oriented research
- contribute to the development of the Creative Industries Precinct in Brisbane, working with co-locating partners
- work closely with the Australasian CRC for Interaction Design (ACID), a Co-operative Research Centre spun off from CIRAC.



## ■ Doctor of Creative Industries (KK49)

**Award title:** Doctor of Creative Industries

**CRICOS code:** 046050K

**Location:** Kelvin Grove

**Course duration (full-time):** Normal enrolment is 6 semesters - this can vary depending on entry requirements.

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Brad Haseman

### Entry Requirements

A four year degree or its equivalent with First Class Honours or Honours IIA or a masters degree in a field relevant to the professional doctorate in creative industries AND two years practice at an advanced level in a position of influence in the creative industries.

OR

Five years practice at an advanced level in a position of responsibility in the creative industries with an accompanying portfolio of achievement which demonstrates the applicant's capacity to work at a doctoral level.

Outstanding leaders in the creative industries who have not had the opportunity to pursue postgraduate study may seek advanced standing into the course and receive credit for up to two semesters of the course.

### Course Structure

The course comprises two components - coursework and professional projects.

Coursework is taken at the beginning of candidature and provides candidates with the essential conceptual tools they need for doctoral level analysis and reflection on their professional practice and related contextual factors. Candidates will design, implement and evaluate a number of professional projects during the period of their candidature. The scale, scope and focus of these projects will be determined in consultation with supervisors.

### Project Track

#### Year 1, Semester 1

KKN020 Approaches to Enquiry in the Creative Industries

KKN061 The Reflective Practitioner  
Elective 1

#### Year 1, Semester 2

KKN071 Creative Industries Conference 1

KKN065 Project Development in the Creative Industries  
Elective 2

GSN442 Project Management 1

GSN443 Project Management 2

#### Year 2, Semester 1

KKN300-1 DCI Professional Project 1

KKN300-2 DCI Professional Project 1

KKN300-3 DCI Professional Project 1

KKN300-4 DCI Professional Project 1

#### Year 2, Semester 2

KKN062 The Reflective Practitioner 2  
Elective 3  
Elective 4

KKN400-1 DCI Professional Project II

#### Year 3, Semester 1

KKN400-2 DCI Professional Project II

KKN400-3 DCI Professional Project II

KKN400-4 DCI Professional Project II

KKN500-1 DCI Final Professional Project

#### Year 3, Semester 2

KKN500-2 DCI Final Professional Project

KKN500-3 DCI Final Professional Project

KKN500-4 DCI Final Professional Project

KKN072 Creative Industries Conference 2

## ■ Master of Arts (Research) (Creative Industries) (KK51)

**Award title:** Master of Arts (Research)

**CRICOS code:** 046055E

**Location:** Kelvin Grove

**Course duration (full-time):** Entry with 3 year qualification 1.5 years full-time; Entry with 4 year qualification (Honours) 1 year full-time

**Course duration (part-time):** Entry with 3 year qualification 3 years part-time; Entry with 4 year qualification (Honours) 2 years part-time

**Total credit points:** 3-year qualified entry: 144; 4 year qualified entry: 96

**Standard credit points per semester (full-time):** 48 Credit Points Full-time

**Standard credit points per semester (part-time):** 24 Credit Points Part-time

**Course coordinator:** Dr Brad Haseman

### Entry Requirements

For entry into the coursework plus research program, applicants must have a 3 year bachelor degree or equivalent.

For entry into the research-only program, applicants must have a 3 year bachelor degree plus honours, or a 3 year bachelor degree plus graduate diploma or equivalent.

### Course Structure

Entry with 3 year qualification: (Bachelors degree or equivalent)

Students normally will undertake 48 credit points of coursework and a 96 credit point research project.

Entry with approved 4 year qualification: (Bachelors degree plus Honours/Graduate Diploma or equivalent)

Students will not normally undertake coursework units, unless otherwise recommended by the Discipline Coordinator. They will be required to undertake a 96 credit point research project or thesis.

With approval from the relevant Discipline Coordinator, instead of undertaking 96 credit points of research, students may enrol in 12 or 24 credit points of course work, and reduce the weighting of their research project to 84 or 72 credit points.

### Research Component

Depending on the discipline, the research component may be undertaken either as a research thesis of 30,000 words, or as a creative practice-based project with an exegesis or written component (7,500-10,000 words).

Students can undertake:

- significant creative work such as a theatrical or a musical production
- a work of fiction or non-fiction
- a screen-based script or production
- a multimedia script or production.

Any project likely to involve University resources must have the support of the appropriate Head of Discipline.

### All Disciplines - with 4-year qualified entry

#### Semester 1

KKN007-1 Research Project 1

KKN007-2 Research Project 2

KKN007-3 Research Project 3

KKN007-4 Research Project 4

#### Semester 2

KKN007-5 Research Project 5

KKN007-6 Research Project 6

KKN007-7 Research Project 7

KKN007-8 Research Project 8

## Dance, Drama, Music, Visual Arts, Communication Design - with 3-year qualified entry

### Semester 1

- KVB004 Contemporary Aesthetic Debates  
 KKN020 Approaches to Enquiry in the Creative Industries  
 KKN007-1 Research Project 1  
 KKN007-2 Research Project 2

### Semester 2

- KKN007-3 Research Project 3  
 KKN007-4 Research Project 4  
 KKN007-5 Research Project 5  
 Elective

**Note:** An elective of 12 credit points is chosen by students, in consultation with their Principal Supervisor from university wide offerings.

### Semester 3

- KKN200 Graduate Seminar  
 KKN007-6 Research Project 6  
 KKN007-7 Research Project 7  
 KKN007-8 Research Project 8

**Note:** KKN200 Graduate Seminar has a pre-requisite of KKN020.

## Dance, Drama, Music, Visual Arts, Communication Design - with 3 year qualified entry

### Semester 1

- KVB004 Contemporary Aesthetic Debates  
 KKN020 Approaches to Enquiry in the Creative Industries

### Semester 2

- KKN007-1 Research Project  
 Elective

**Note:** An elective of 12 credit points is chosen by students, in consultation with their Principal Supervisor from University wide offerings.

### Semester 3

- KKN007-2 Research Project  
 KKN007-3 Research Project

### Semester 4

- KKN007-4 Research Project  
 KKN007-5 Research Project

### Semester 5

- KKN007-6 Research Project  
 KKN007-7 Research Project

### Semester 6

- KKN200 Graduate Seminar  
 KKN007-8 Research Project

**Note:** KKN200 has the prerequisite of KKN020.

## Creative Writing, Cultural Studies, Film & TV, Journalism, Media & Com - with 3-year qualified entry

### Semester 1

- KKN020 Approaches to Enquiry in the Creative Industries  
 Plus select THREE of the following units:  
 KJP105 Theories of Journalism  
 KCP110 Global Media and Communications Policy  
 KWP103 Creative Writing: Novel & Genre  
 KPP104 Film and Television Production Theory

### Semester 2

- KKN007-1 Research Project  
 KKN007-2 Research Project  
 KKN007-3 Research Project  
 KKN007-4 Research Project

### Semester 3

- KKN007-5 Research Project  
 KKN007-6 Research Project  
 KKN007-7 Research Project  
 KKN007-8 Research Project

## Creative Writing, Cultural Studies, Film & TV, Journalism, Media & Com - with 3 year qualified entry

### Semester 1

- KKN020 Approaches to Enquiry in the Creative Industries  
 Plus select ONE of the following units:  
 KWP103 Creative Writing: Novel & Genre  
 KPP104 Film and Television Production Theory  
 KJP105 Theories of Journalism  
 KCP110 Global Media and Communications Policy

### Semester 2

- KKN007-1 Research Project  
 Plus select ONE of the following units:

- KWP103 Creative Writing: Novel & Genre  
 KPP104 Film And Television Production Theory  
 KJP105 Theories Of Journalism  
 KCP110 Global Media and Communications Policy

### Semester 3

- KKN007-2 Research Project  
 Plus select ONE of the following units:

- KWP103 Creative Writing: Novel & Genre  
 KPP104 Film And Television Production Theory  
 KJP105 Theories Of Journalism  
 KCP110 Global Media and Communications Policy

### Semester 4

- KKN007-3 Research Project  
 KKN007-4 Research Project

### Semester 5

- KKN007-5 Research Project  
 KKN007-6 Research Project

### Semester 6

- KKN007-7 Research Project  
 KKN007-8 Research Project

## ■ Master of Creative Industries (KK48)

**Award title:** Master of Creative Industries

**CRICOS code:** 050166G

**Location:** Kelvin Grove

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters (depending on prior study and availability of supervising staff)

**Total credit points:** 144

**Course coordinator:** Dr Brad Haseman

### Course Structure

#### Year 1, Semester 1

- KKN020 Approaches to Enquiry in the Creative Industries  
 KKN061 The Reflective Practitioner 1 (24 credit points)  
 Elective 1

#### Year 1, Semester 2

- KKN071 Creative Industries Conference 1  
 KKN065 Project Development in the Creative Industries  
 Elective 2  
 GSN442 Project Management 1  
 GSN443 Project Management 2

#### Year 2, Semester 1

- KKN300-1 DCI Professional Project 1  
 KKN300-2 DCI Professional Project 1  
 KKN300-3 DCI Professional Project 1  
 KKN300-4 DCI Professional Project 1

## ■ Master of Creative Industries (Communication Design) (KI43)

**Award title:** Master of Creative Industries (Communication Design)

**CRICOS code:** 031870G

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Semesters

**Course duration (part-time):** 6 Semesters

**Total credit points:** 144

**Course coordinator:** Dr Angelina Russo

### Entry Requirements

An approved degree in a related study area from a recognised tertiary institution with a GPA of 5.0 or greater; OR

an approved degree in an unrelated study area from a recognised tertiary institution with a GPA of 5.0 or greater combined with either:

- professional recognition through an equivalent course of study or examination; and/or
- evidence of qualifications (eg recognised prior learning); and/or
- at least two years appropriate full-time work experience.

Related areas of study include the fields of media communication, visual arts, design, the arts or information technology. It should be noted that this course is not suitable for

technology. It should be noted that this course is not suitable for applicants from directly cognate fields of study eg multimedia design, computer graphics and animation.

### MCI (Communication Design) - full-time structure

#### Year 1, Semester 1

KIN811	Visual Interactions
KCP295	Virtual Cultures
KIN818	Digital Media
KIN817	Project Management

#### Year 1, Semester 2

KCP336	New Media Technologies
KIN812	Interdisciplinarity for the Creative Industries
KIN809	Interaction Design
KIN810	Information Architecture

#### Year 2, Semester 1

KIN851-1	Design Project (1/2)
KIN851-2	Design Project (2/2)
	Elective
	Elective

### MCI (Communication Design) - part-time structure

#### Year 1, Semester 1

KIN811	Visual Interactions
KIN818	Digital Media

#### Year 1, Semester 2

KCP336	New Media Technologies
KIN809	Interaction Design

#### Year 2, Semester 1

KCP295	Virtual Cultures
KIN817	Project Management

#### Year 2, Semester 2

KIN810	Information Architecture
KIN812	Interdisciplinarity for the Creative Industries

#### Year 3, Semester 1

KIN851-1	Design Project (1/2)
KIN851-2	Design Project (2/2)

#### Year 3, Semester 2

	Elective
	Elective

### Electives

#### Semester 1

KIB803	Temporal Media
KIB819	Electronic Publishing
KCP360	Advertising Creative: Introduction
KCP362	Advertising Creative: Copywriting and Art Direction

#### Semester 2

KIB804	3-D Animation 1
KIB808	Media Technology 2
KIB821	Mixed Realities
KCP361	Advertising Creative: Electronic and Print Media

## ■ Master of Creative Industries (Dance Teaching) (KD42)

**Award title:** Master of Creative Industries (Dance Teaching)

**CRICOS code:** Not required

**Location:** External

**Course duration (full-time):** 3 semesters and summer (by correspondence and residencies)

**Course duration (part-time):** 6 semesters (by correspondence and residencies)

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Jude Smith

**Discipline coordinator:** Aspro Cheryl Stock

### Course Structure

In the Masters program, students are required to complete ten units, made up of nine core units and one elective unit. It is recommended that students complete the units The Reflective Practitioner 1 and Professional Practice Project in the final two semesters of the course.

Students are required to complete 10 units. There are nine core units and one elective unit. It is recommended that students

complete the units The Reflective Practitioner 1 and Professional Practice Project in the final two semesters of the course. The Reflective Practitioner should be undertaken prior to the Professional Practice Project.

### Full-time students

In the first year of the course students should select three to four units from both First and Second Semester, and both units in the Summer Program.

### Part-time students

Select two units from both First and Second Semester, and either one or both units in the Summer Program.

#### Semester 1

KDP104	Safe Dance Practice
KDP190	Professional Practice and Business Administration For Dance Teachers
KDP191	Dance Teaching Methodologies
KDP192	Stagecraft And Costume Design For Dance
KKN061	The Reflective Practitioner 1 (includes residential component)
KDN002	Professional Practice Project

#### Semester 2

KDP104	Safe Dance Practice
KDP105	Dance Analysis And Dance Histories
KDP189	Dance Assessment And Reporting Procedures
KDP190	Professional Practice and Business Administration For Dance Teachers
KDP191	Dance Teaching Methodologies
KDP192	Stagecraft And Costume Design For Dance
KKN061	The Reflective Practitioner 1 (includes residential component)
KDN002	Professional Practice Project

#### Summer Program

KDP180	Dance Teaching Studies 1 (intensive residency in Brisbane)
KDP181	Dance Teaching Studies 2 (intensive residency in Brisbane)

## ■ Master of Creative Industries (Drama Teaching) (KT42)

**Award title:** Master of Creative Industries (Drama Teaching)

**CRICOS code:** 046674M

**Location:** Kelvin Grove

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters (part-time mode may not be available by evening study)

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Judith McLean; Administrator: Sandra Gattenhof

**Discipline coordinator:** Judith McLean

### Entry Requirements

An appropriate Bachelor degree or a Diploma and at least one year's professional experience working as a drama teacher approved by the course coordinator.

A maximum of 48cp advanced standing will be granted to applicants with an honours degree in Drama or a four year undergraduate degree in drama education.

### Full-time Course Structure

#### Year 1, Semester 1

KTN002	Contemporary Performance
KTN004	Teaching Drama from 1-10
	Select two electives from List A or List B

#### Year 1, Semester 2

	Select two of the following CORE units
KTN001	Performing Narratives
KTN003	Applying Information Technology in the Drama Classroom
KTN005	Implementing Drama From 1-10
	PLUS
	Select two electives from List A OR List B

#### Year 2, Semester 1

KTN006	Drama Project
	PLUS select one of the following combinations:
	Two units taken from List A
	OR one unit from List A and one unit from List B

## Part-time Course Structure

### Year 1, Semester 1

KTN002 Contemporary Performance  
KTN004 Teaching Drama from 1-10

### Year 1, Semester 2

Select two from the following CORE units  
KTN001 Performing Narratives  
KTN003 Applying Information Technology in the Drama Classroom  
KTN005 Implementing Drama From 1-10, or  
Select one CORE unit  
Plus one unit taken from List A or List B

### Year 2, Semester 1

Select ONE of the following combinations:  
Two units from List A, or  
One unit from List A and one unit from List B

### Year 2, Semester 2

Select ONE of the following combinations:  
Two units from List A, or  
One unit from List A and one unit from List B

### Year 3, Semester 1

Select ONE of the following combinations:  
Two units from List A, or  
One unit from List A and one unit from List B

### Year 3, Semester 2

KTN006 Drama Project

## List A - Electives

KT056 Professional Studies: Performing Self  
KKB057 Independent Study  
KT061 Creative Industries Management  
KT214 Process Drama  
KT252 The Sound Of Theatre  
KT253 Staging Australia  
KT277 Physical Theatre  
KKN020 Approaches to Enquiry in the Creative Industries  
KT208 Elements Of Drama\*  
KSB278 Technical Theatre  
KT306 Directing For Theatre  
KT310 Studies In Acting 3  
KTN200 Dramaturgy  
KT062 Creative Industries Events & Festivals  
KT258 Studies In Acting 2  
KT272 Drama And Community Cultural Development  
KT280 Drama As Social Action  
KT307 Writing For Performance  
\*KT208 Available in Graduate Certificate only

## List B - Electives

KCB295 Virtual Cultures  
KDX104 Architecture Of The Body  
KDB117 Dance In Education  
KIB813 Contemporary Issues In Design and Technology  
KKB818 Introduction To Multimedia Technology  
KMB631 World Music  
KVB702 Australian and Indigenous Art  
KVB444 Contemporary Asian Visual Culture  
KVB004 Contemporary Aesthetic Debates  
KVB447 Drawing  
KVB457 Sculpture  
KVB509 Photomedia and Artistic Practice  
KWB229 Film And Television Scriptwriting  
KWB350 Creative Writing: The Short Story  
KKB704 Indigenous Creative Industries  
KCB336 New Media Technologies  
KDB106 Dance Analysis  
KDB114 Australian Dance  
KIB814 Enabling Immersion  
KMB638 Sound And Image  
KMB648 The Music Scene  
KVB703 Video Art And Culture  
KVB704 Theories Of Spatial Culture

## ■ Master of Digital Media (KC42)

**Award title:** Master of Digital Media

**Location:** Gardens Point

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Terry Flew

### Course discontinued

There is no intake into this course in 2005.

## ■ Master of Fine Arts (KK42)

**Award title:** Master of Fine Arts

**CRICOS code:** 016349F

**Location:** Kelvin Grove

**Course duration (full-time):** 1.5 years full-time

**Course duration (part-time):** 3 years part-time

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Brad Haseman

**Discipline coordinator:** Dance: Assoc Prof Cheryl Stock;

Drama: Assoc Prof Judith McLean; Music: Prof Andy Arthurs;

Vis Arts: Assoc Prof David Hawke; Acting Studio: Dianne Eden;

Painting Studio: Dan Mafe

### Entry Requirements

A Bachelor degree, or equivalent, which may include substantial relevant professional experience.

### Suggested Full-time Course Structure

#### Semester 1

KKN011 Advanced Professional Practice 1  
KKN012 Advanced Professional Practice 2  
Elective\*  
Elective

#### Semester 2

KKN013 Advanced Professional Practice 3  
Elective  
Elective

#### Semester 3

KKN010-1 MFA Project  
KKN010-2 MFA Project  
KKN010-3 MFA Project  
KKN010-4 MFA Project

\*It is advised that Dance students choose KKN020 Approaches to Enquiry in the Creative Industries as an elective in the first semester. MFA in Dance is available in creative practice and/or performance. Dance applicants are required to submit a one-page proposal outlining the focus of their study. Part-time students should contact the Discipline Coordinator to discuss their enrolment program.

### Painting Structure

**Note:** Students undertake 144 credit points of approved units. Refer to your Discipline Coordinator for advice.

### Acting Studio

#### Year 1, Semester 1

KSB011 Music Theatre Skills  
KSB233 Voice And Movement 3  
KSB247 Acting 3

#### Year 1, Semester 2

KSB012 Music Theatre Project  
KSB234 Voice And Movement 4  
KSB248 Acting 4

#### Year 2, Semester 1

KSB235 Voice And Movement 5  
KSB255 Theatre Project 1

#### Year 2, Semester 2

KSB256 Theatre Project 2

## ■ Master of Journalism (KJ42)

**Award title:** Master of Journalism

**Location:** Kelvin Grove

**Course duration (full-time):** 1.5 years

**Course duration (part-time):** 3 years

**Course coordinator:** Dr Angela Romano

### Entry Requirements

Masters applicants must possess a recognised degree with a grade point average of 5 or equivalent in any discipline other than journalism or a QUT Graduate Certificate or Graduate Diploma in Journalism with a grade point average of 5 or higher, or approved experiential learning.

### Full-time Course Structure

#### Year 1, Semester 1

KJP120	Newsriting
KJP105	Theories Of Journalism
	Journalism Elective Unit - List A
	Journalism Elective Unit - List A or List B

#### Year 1, Semester 2

KJP121	Journalistic Inquiry
KJP224	Feature Writing
	Journalism Elective Unit - List A
	Journalism Elective Unit - List A or List B

#### Year 2, Semester 1

KJP301	Graduate Project 1
KJP302	Graduate Project 2
	Elective**
	Elective**

### Part-time Course Structure

#### Year 1, Semester 1

KJP105	Theories Of Journalism
KJP120	Newsriting

#### Year 1, Semester 2

KJP224	Feature Writing
	Journalism Elective Unit - List A

#### Year 2, Semester 1

KJP121	Journalistic Inquiry
	Journalism Elective Unit - List A or B

#### Year 2, Semester 2

	Journalism Elective Unit - List A
	Journalism Elective Unit - List B

#### Year 3, Semester 1

KJP301	Graduate Project 1
	Elective **

#### Year 3, Semester 2

KJP302	Graduate Project 2
	Elective **

### LIST A: Journalism Electives

#### Semester 1 electives

KJB239	Journalism Ethics And Issues
KJB322	Desktop Publishing And Editing
KJB338	Radio And Television Journalism 2

#### Semester 2 electives

KJP232	Radio And Television Journalism 1
KKB275	Creative Industries Legal Issues
KJB280	International Journalism
KJB303	News Production
KJB322	Desktop Publishing And Editing
KJB337	Public Affairs Reporting
KJB339	Fashion and Style Journalism

\*\* Master's students will be required to clear their elective choices with the Course Coordinator, and at least two electives MUST be postgraduate-level units.

Additionally, all Master of Journalism students must undertake EITHER Journalism Ethics and Issues OR Creative Industries Legal Issues as one of their electives. They can take both if they wish.

### LIST B: Journalism Electives

#### Semester 1 electives

KCB213	Strategic Speech Communication
KCB311	Political Communication
KCP018	Creative Industries
KCP110	Global Media and Communications Policy
KCP295	Virtual Cultures

KCP348	Applied Media Communication
KCP349	Media Audiences
KKB390	Supervised Project
KKB818	Introduction To Multimedia Technology
KKN320	Workplace Learning (12cp)
KKN330	Workplace Learning (24cp)
KWB229	Film And Television Scriptwriting
KPB118	Photomedia: Traditions and Techniques
KPP155	Media Production
KWB315	Persuasive Writing
KWB381	Creative Nonfiction: Arts, Humour, Travel
KWB350	Creative Writing: The Short Story
KWP103	Creative Writing: Novel & Genre
KWP104	Editing and Developing the Manuscript
KWP111	Media Writing
KPP104	Film And Television Production Theory
KVB509	Photomedia and Artistic Practice
KVP100	Graphic Design

#### Semester 2 electives

KCB213	Strategic Speech Communication
KCP336	New Media Technologies
KKB390	Supervised Project
KKB818	Introduction To Multimedia Technology
KKN320	Workplace Learning (12cp)
KKN330	Workplace Learning (24cp)
KWB229	Film And Television Scriptwriting
KPB118	Photomedia: Traditions and Techniques
KWB710	Ozlit
KWB314	Corporate Writing And Editing
KWB315	Persuasive Writing
KWB380	Creative Nonfiction: Life Writing
KWB350	Creative Writing: The Short Story
KWB399	The Writing And Publishing Industry
KWB712	Youth and Children's Writing
KWP111	Media Writing
KT307	Writing For Performance
KVB509	Photomedia and Artistic Practice

## ■ Master of Music (KM42)

**Award title:** Master of Music

**CRICOS code:** 034710M

**Location:** Kelvin Grove

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Steve Dillon

**Discipline coordinator:** Prof Andy Arthurs

### Entry Requirements

Either a three-year degree or approved diploma in music from a university OR documentary evidence of a successful career as a professional musician, considered at least equivalent to a three-year degree. Prior to admission, you must submit, and have approved, your Project Proposal.

### By coursework and project

Eight 12 credit point units of which KMN609 Independent Project and at least two other KMN units must be undertaken, prior to two 24 cp Music Project units (KMN601, KMN602 Music Project 1, 2 inclusive). Alternatively, four or six 12 credit point units and four or three 24 credit point units respectively.

### By project

This is of particular interest to professional musicians wishing to develop their practice significantly.

Two 12 credit point units undertaken prior to five 24 credit point Music Project units (KMN601- KMN605 Music Project 1-5 inclusive).

### Course Structure

#### Pathways: Music Composition for the Creative Industries

KMB619	Music And Sound Technology
KMN626	Music & Sound for Digital Media
KMN630	Materials of Music

KMB638	Sound And Image
KMN618	Composing for Moving Pictures
KMB621	Sound Recording And Acoustics
KMN609	Independent Project
KMB617	Arranging
KMN601	Music Project 1
KMN602	Music Project 2

**Pathway: Music and Media Technologies**

KMB619	Music And Sound Technology
KMB621	Sound Recording And Acoustics
KMB635	Sound Media Musicianship
KMN626	Music & Sound for Digital Media
KMN606	Digital Recording
KKB818	Introduction To Multimedia Technology
KMB056	The Music Industry
KMN609	Independent Project
KMN601	Music Project 1
KMN602	Music Project 2

**Pathway: Instrumental Music Teaching/Music Coaching**

KMN622	Multi-Instrumental Studies 1, or
KMN648	Australian Music Culture
KMN628	Multi-Instrumental Studies 2, or
KMB640	Sex Drugs Rock N Roll
KMB101	Music Curriculum Studies 1 (Instrumental)
KMB623	Conducting
KMB617	Arranging
KMN609	Independent Project
KMB102	Music Curriculum Studies 2 (Instrumental)

**Masters by Project**

KMN601	Music Project 1
KMN602	Music Project 2
KMN603	Music Project 3
KMN604	Music Project 4
KMN605	Music Project 5

Elective - chosen from any pathway and/or from list below  
Elective - chosen from any pathway and/or from list below.

**Other music units available for selection**

KMB103	Music Curriculum Studies 3 (Instrumental)
KMB619	Music And Sound Technology
KMB631	World Music
KMB638	Sound And Image
KMB667	Music and Spirituality
KMB201	Music (Secondary) Curriculum Studies 1
KMB202	Music (Secondary) Curriculum Studies 2
KMB203	Music (Secondary) Curriculum Studies 3
KMN609	Independent Project

## ■ Graduate Diploma in Creative Industries (Communication Design) (KI36)

**Award title:** Graduate Diploma in Creative Industries (Communication Design)

**CRICOS code:** 043123M

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Angelina Russo

### Entry Requirements

A Bachelor degree from a recognised university with a GPA of 5.0 or higher; OR

Professional standing and successful professional practice relevant to digital media approved by the Course Coordinator and Dean of Faculty.

It is assumed all applicants have prior experience using Windows and/or Macintosh operating systems, Word processing applications eg MS Word or WordPerfect, email and the Web. If applicants do not have such experience, it will be strongly recommended that they undertake an introductory computer literacy program before making an application.

### Full-time Course Structure

#### Semester 1

KCP295	Virtual Cultures
KIN811	Visual Interactions
KIN817	Project Management
KIN818	Digital Media

#### Semester 2

KCP336	New Media Technologies
KIN809	Interaction Design
KIN810	Information Architecture
KIN812	Interdisciplinarity for the Creative Industries

### Part-time Course Structure

#### Year 1, Semester 1

KIN811	Visual Interactions
KIN818	Digital Media

#### Year 2, Semester 2

KCP336	New Media Technologies
KIN809	Interaction Design

#### Summer

KIN817	Project Management
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#### Year 3, Semester 1

KCP295	Virtual Cultures
KIN817	Project Management

#### Year 3, Semester 2

KIN810	Information Architecture
KIN812	Interdisciplinarity for the Creative Industries

#### Summer

KIN817	Project Management
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## ■ Graduate Diploma in Creative Industries (Creative Writing) (KW36)

**Award title:** Graduate Diploma in Creative Industries (Creative Writing)

**CRICOS code:** 046673A

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters (The part-time mode may not be available by evening study.)

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Aspro Philip Neilsen

**Discipline coordinator:** Aspro Philip Neilsen

### Entry Requirements

A bachelor degree OR professional experience in the creative industries approved by the course coordinator.

### Entry with advanced standing

Up to two units credit may be given on the basis of prior equivalent study.

### Articulation

The Graduate Diploma is designed to articulate from the Graduate Certificate in Creative Industries (Creative Writing).

### Full-time Course Structure

#### Semester 1

KWP103	Creative Writing: Novel & Genre
KWP104	Editing and Developing the Manuscript
KWB350	Creative Writing: The Short Story
	Elective

#### Semester 2

KWB380	Creative Nonfiction: Life Writing
KWB229	Film And Television Scriptwriting
	Elective
	Plus select one of the following units:
KWB399	The Writing And Publishing Industry
KWB314	Corporate Writing And Editing

### Part-time Course Structure

#### Semester 1

KWP103	Creative Writing: Novel and Genre
KWB350	Creative Writing: The Short Story

### Semester 2

KWB380 Creative Non-Fiction: Life-Writing  
KWB229 Film and Television Scriptwriting

### Semester 3

KWP104 Editing & Developing the Manuscript  
Elective

### Semester 4

Elective  
Choose one from the following:  
KWB314 Corporate Writing And Editing  
KWB399 The Writing And Publishing Industry

## ■ Graduate Diploma in Creative Industries (Dance Teaching) (KD36)

**Award title:** Graduate Diploma in Creative Industries (Dance Teaching)

**CRICOS code:** Not required

**Location:** External

**Course duration (full-time):** 2 semesters plus Summer

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Ms Lesley Graham

**Discipline coordinator:** Aspro Cheryl Stock

### Course Structure

Full-time students should select 3 units from the first and second semester structure, and both units in the Summer Program. Part-time students should select 2 units from the first and second semester structure, and either one or both units in the Summer Program.

### Full-time Course Structure

#### Full-time Students

Select three units from the first and second Semester structure, and both units in the Summer Program

#### Part-time Students

Select two units from the first and second Semester structure, and either one or both units in the Summer Program

#### First Semester

KDP104 Safe Dance Practice  
KDP190 Professional Practice and Business Administration For Dance Teachers  
KDP191 Dance Teaching Methodologies

#### Second Semester

KDP104 Safe Dance Practice  
KDP105 Dance Analysis And Dance Histories  
KDP189 Dance Assessment And Reporting Procedures  
KDP190 Professional Practice and Business Administration For Dance Teachers  
KDP191 Dance Teaching Methodologies  
KDP192 Stagecraft And Costume Design For Dance

#### Summer Semester

KDP180 Dance Teaching Studies 1 (intensive residency in Brisbane)  
KDP181 Dance Teaching Studies 2 (intensive residency in Brisbane)

## ■ Graduate Diploma in Creative Industries (Drama Teaching) (KT36)

**Award title:** Graduate Diploma in Creative Industries (Drama Teaching)

**CRICOS code:** 046672B

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Aspro Judith McLean; Administrator: Dr Sandra Gattenhof

**Discipline coordinator:** Aspro Judith McLean

### Entry Requirements

A bachelor degree or a diploma and at least one year's professional experience working as a teacher in a school or studio setting.

### Full-time Course Structure

#### Year 1, Semester 1

KTN002 Contemporary Performance  
KTN004 Teaching Drama from 1-10  
Select two units from List A

#### Year 1, Semester 2

Select two from the following core units  
KTN001 Performing Narratives  
KTN003 Applying Information Technology in the Drama Classroom  
KTN005 Implementing Drama From 1-10  
Plus select one of the following combinations:  
Two units from either List A or List B, or  
One unit from List A and one unit from List B

### Part-time Course Structure

#### Year 1, Semester 1

KTN002 Contemporary Performance  
KTN004 Teaching Drama from 1-10

#### Year 1, Semester 2

Select two from the following core units:  
KTN001 Performing Narratives  
KTN003 Applying Information Technology in the Drama Classroom  
KTN005 Implementing Drama From 1-10

#### Year 2, Semester 1

Select one of the following combinations:  
Two units from List A, or  
One unit from List A and one unit from List B

#### Year 2, Semester 2

Select one of the following combinations:  
Two units from List A, or  
One unit from List A and one unit from List B

### List A – Electives

Please refer to the List A Electives for KT42 Master of Creative Industries (Drama Teaching).

### List B – Electives

Please refer to the List B Electives for KT42 Master of Creative Industries (Drama Teaching).

## ■ Graduate Diploma in Creative Industries (Film and Television) (KP36)

**Award title:** Graduate Diploma in Creative Industries (Film and Television)

**CRICOS code:** 040324D

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters (The part-time mode may not be available by evening study)

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Aspro Geoff Portmann

**Discipline coordinator:** Aspro Geoff Portmann

### Entry Requirements

A degree or diploma in any field from a recognised tertiary institution (Diploma graduates may be required to undertake additional work at the discretion of the course or discipline coordinator). Limited special entry places are available if the applicant is a senior member of the relevant profession without a formal degree, provided they can demonstrate and document their grasp of the profession. These candidates will be senior members of their profession. An applicant who does not meet the requirements for normal entry may present documentary evidence of qualifications, experience and other relevant information for special consideration. QUT film and television, journalism and media studies graduates enrolling in this course must select a major different from their undergraduate major.

### Full-time Course Structure

#### Year 1, Semester 1

KWP111 Media Writing  
KPP155 Media Production  
KPP104 Film And Television Production Theory  
KPB314 Media Business

### Year 1, Semester 2

KPP185	Informational Production
KPB358	Documentary Theory And Practice
	Elective
	Elective

### Part-time Course Structure

#### Year 1, Semester 1

KPP155	Media Production
KWP111	Media Writing

#### Year 1, Semester 2

KPP185	Informational Production
KPB314	Media Business

#### Year 2, Semester 1

KPP104	Film And Television Production Theory
	Elective

#### Year 2, Semester 2

KPB358	Documentary Theory And Practice
	Elective

## ■ Graduate Diploma in Digital Media (KC36)

**Award title:** Graduate Diploma in Digital Media

**Location:** Gardens Point

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Terry Flew

### Course discontinued

There is no intake into this course in 2005.

## ■ Graduate Diploma in Journalism (KJ36)

**Award title:** Graduate Diploma in Journalism

**CRICOS code:** 040340D

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters (Part-time mode may not be available by evening study)

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Angela Romano

### Entry Requirements

An approved degree or diploma from a recognised tertiary institution (Diploma graduates may be required to undertake additional work at the discretion of the course coordinator). Limited special entry places are available to members of the profession without a formal degree (please contact the Course Coordinator to discuss your application).

### Full-time Course structure

#### Year 1, Semester 1

KJP105	Theories Of Journalism
KJP120	Newswriting
	Journalism Elective Unit - List A
	Journalism Elective Unit - List A or List B

#### Year 1, Semester 2

KJB121	Journalistic Inquiry
KJP224	Feature Writing
	Journalism Elective Unit - List A
	Journalism Elective Unit - List A or List B

### Part-time Course structure

#### Year 1, Semester 1

KJP105	Theories Of Journalism
KJP120	Newswriting

#### Year 1, Semester 2

KJP224	Feature Writing
	Elective Unit from List A

#### Year 2, Semester 1

KJP121	Journalistic Inquiry
	Elective Unit from List A or List B

#### Year 2, Semester 2

Elective Unit from List A

Elective Unit from List A or List B

### Journalism Elective Units - List A

#### Electives

KJB239	Journalism Ethics And Issues
KKB275	Creative Industries Legal Issues
KJP121	Journalistic Inquiry
KJP232	Radio And Television Journalism 1
KJB280	International Journalism
KJB322	Desktop Publishing And Editing
KJB337	Public Affairs Reporting
KJB303	News Production
KJB339	Fashion and Style Journalism
KJB338	Radio And Television Journalism 2

**Note:** All Graduate Diploma students must undertake either KJB239 Journalism Ethics and Issues or KKB275 Creative Industries Legal Issues as one of their electives. They can take both if they wish.

### Journalism Elective Units - List B

#### Electives

KCB213	Strategic Speech Communication
KCB311	Political Communication
KCP018	Creative Industries
KCP110	Global Media and Communications Policy
KCP295	Virtual Cultures
KCP336	New Media Technologies
KCP348	Applied Media Communication
KCP349	Media Audiences
KKB390	Supervised Project
KKB818	Introduction To Multimedia Technology
KKN320	Workplace Learning (12cp)
KKN330	Workplace Learning (24cp)
KWB229	Film And Television Scriptwriting
KPB118	Photomedia: Traditions and Techniques
KPB130	Media Text Analysis
KWB710	Ozlit
KWB314	Corporate Writing And Editing
KWB315	Persuasive Writing
KWB399	The Writing And Publishing Industry
KWB380	Creative Nonfiction: Life Writing
KWB381	Creative Nonfiction: Arts, Humour, Travel
KWB350	Creative Writing: The Short Story
KWB712	Youth and Children's Writing
KWP103	Creative Writing: Novel & Genre
KWP104	Editing and Developing the Manuscript
KWP111	Media Writing
KPP104	Film And Television Production Theory
KTB307	Writing For Performance
KVB509	Photomedia and Artistic Practice
KVP100	Graphic Design

## ■ Graduate Diploma in Music (KM36)

**Award title:** Graduate Diploma in Music

**CRICOS code:** 034717D

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Dr Steve Dillon

**Discipline coordinator:** Prof Andy Arthurs

### Entry Requirements

A music or other relevant degree plus experience relevant to the music pathway selected by the applicant.

### Course of Study

Eight 12 credit point units, including KMN609 Independent Project and at least two other KMN units.

### Course Structure

**Pathways:** Music Composition for the Creative Industries

KMB619	Music And Sound Technology
KMB056	The Music Industry
KMN630	Materials of Music
KMB638	Sound And Image
KMN618	Composing for Moving Pictures
KMB621	Sound Recording And Acoustics



KMN609 Independent Project  
KMB617 Arranging

**Pathway: Music and Media Technologies**

KMB619 Music And Sound Technology  
KMB621 Sound Recording And Acoustics  
KMB635 Sound Media Musicianship  
KMN626 Music & Sound for Digital Media  
KMN606 Digital Recording  
KKB818 Introduction To Multimedia Technology  
KMB056 The Music Industry  
KMN609 Independent Project

**Pathway: Instrumental Music Teaching/Music Coaching**

KMN622 Multi-Instrumental Studies 1, or  
KMN648 Australian Music Culture  
KMN628 Multi-Instrumental Studies 2, or  
KMB640 Sex Drugs Rock N Roll  
KMB101 Music Curriculum Studies 1 (Instrumental)  
KMN609 Independent Project  
KMB617 Arranging  
KMB102 Music Curriculum Studies 2 (Instrumental)  
KMB623 Conducting

**Other music units available for selection**

KMB103 Music Curriculum Studies 3 (Instrumental)  
KMB631 World Music  
KMB619 Music And Sound Technology  
KMB638 Sound And Image  
KMB667 Music and Spirituality  
KMB201 Music (Secondary) Curriculum Studies 1  
KMB202 Music (Secondary) Curriculum Studies 2  
KMB203 Music (Secondary) Curriculum Studies 3

## ■ Graduate Certificate in Creative Industries (Communication Design) (KI35)

**Award title:** Graduate Certificate in Creative Industries (Communication Design)

**CRICOS code:** 043124K

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Angelina Russo

### Entry Requirements

A Bachelor degree from a recognised university with a GPA of 5.0 or higher; OR

Professional standing and successful professional practice relevant to digital media approved by the Course Coordinator and Dean of Faculty.

It is assumed all applicants have prior experience using Windows and/or Macintosh operating systems, Word processing applications eg MS Word or WordPerfect, email and the Web. If applicants do not have such experience, it will be strongly recommended that they undertake an introductory computer literacy program before making an application.

### Full-time Course Structure

#### Year 1, Semester 1

KCP295 Virtual Cultures  
KIN811 Visual Interactions  
KIN817 Project Management  
KIN818 Digital Media

### Part-time Course Structure

#### Semester 1

KIN811 Visual Interactions  
KIN818 Digital Media

#### Semester 2

KCP336 New Media Technologies  
KIN817 Project Management

## ■ Graduate Certificate in Creative Industries (Creative Writing) (KW35)

**Award title:** Graduate Certificate in Creative Industries (Creative Writing)

**CRICOS code:** 040322F

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters (part-time mode of this course may not be available by evening study)

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Aspro Philip Neilsen

**Discipline coordinator:** Aspro Philip Neilsen

### Entry Requirements

A Bachelor degree OR professional experience in the creative industries approved by the Course Coordinator.

### Full-time Course Structure

#### Year 1, Semester 1

KWP103 Creative Writing: Novel & Genre  
Plus Select THREE units from:  
KWB350 Creative Writing: The Short Story  
KWB250 Introduction To Creative Writing  
KWB380 Creative Nonfiction: Life Writing  
KWB399 The Writing And Publishing Industry  
KWB229 Film And Television Scriptwriting  
KWB370 Electronic Writing  
KWB381 Creative Nonfiction: Arts, Humour, Travel  
KWB314 Corporate Writing And Editing  
KWB315 Persuasive Writing  
KWB712 Youth and Children's Writing  
KWB111 Media Writing

**Note:** Please check semester of offer when enrolling in units.

### Part-time Course Structure

**Note:** Students may do one or two units in a semester, chosen from the same list as for the full-time structure. The only compulsory unit is KWP103 Creative Writing: Novel and Genre

## ■ Graduate Certificate in Creative Industries (Dance Teaching) (KD35)

**Award title:** Graduate Certificate in Creative Industries (Dance Teaching)

**CRICOS code:** Not required

**Location:** External

**Course duration (external):** 1 semester full-time; 2 semesters part-time

**Total credit points:** 48

**Course coordinator:** Ms Lesley Graham

**Discipline coordinator:** Aspro Cheryl Stock

### Entry Requirements

A relevant degree or diploma and at least 12 months of dance teaching experience equivalent to 150 hours, or significant performance experience with a recognised professional dance company for at least 5 years, and at least 12 months of dance teaching experience equivalent to 150 hours, or significant and demonstrable longstanding reputation as a dance teacher.

### Course Structure

Full-time students should select 4 units (two core and 2 electives) from first or second semester. Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer program.

Part-time students should select 4 units (two core and 2 electives) across first or second semester. Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer program.

### Full-time Students

Select 4 units (2 core and 2 electives) from first or second semester. Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer Program.

### Part-time Students

Select 4 units (2 core and 2 electives) across first and second semester. Students can replace one elective from Semester 1 or 2 with a residency unit in the Summer Program.

### First Semester

KDP104	Safe Dance Practice (core)
KDP190	Professional Practice and Business Administration For Dance Teachers
KDP191	Dance Teaching Methodologies

### Second Semester

	Core Units
KDP104	Safe Dance Practice
KDP190	Professional Practice and Business Administration For Dance Teachers
	Electives
KDP105	Dance Analysis And Dance Histories
KDP189	Dance Assessment And Reporting Procedures
KDP191	Dance Teaching Methodologies

### Summer Program

KDP180	Dance Teaching 1 (intensive residency in Brisbane) (elective)
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**Note:** Students should contact the Course Coordinator to discuss their enrolment program.

## ■ Graduate Certificate in Creative Industries (Drama Teaching) (KT35)

**Award title:** Graduate Certificate in Creative Industries (Drama Teaching)

**CRICOS code:** 046043J

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters (part-time mode of this course may not be available by evening study)

**Total credit points:** 48

**Course coordinator:** Aspro Judith McLean; Administrator: Dr Sandra Gattenhof

**Discipline coordinator:** Aspro Judith McLean

### Entry Requirements

An appropriate Bachelor degree or Diploma and at least one year's professional experience working as a drama teacher in a school or studio setting.

### Full-time Course Structure

#### Year 1 - Commencing in semester one

KTN002	Contemporary Performance
KTN004	Teaching Drama from 1-10
	Select two units from List A

#### OR - Year 1 - Commencing in semester two

	Select two of the following core units
KTN001	Performing Narratives
KTN003	Applying Information Technology in the Drama Classroom
KTN005	Implementing Drama From 1-10. and
	Select two units from List A

### Part-time Course Structure

#### Year 1, Semester 1

KTN002	Contemporary Performance
KTN004	Teaching Drama from 1-10

#### Year 1, Semester 2

	Select two from the following:
KTN001	Performing Narratives
KTN003	Applying Information Technology in the Drama Classroom
KTN005	Implementing Drama From 1-10, or
	Two units from List A

### List A – Electives

Please refer to the List A Electives for KT42 Master of Creative Industries (Drama Teaching).

## ■ Graduate Certificate in Creative Industries (Film and Television) (KP35)

**Award title:** Graduate Certificate in Creative Industries (Film and Television)

**CRICOS code:** 040327A

**Location:** Kelvin Grove

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Course coordinator:** Aspro Geoff Portmann

**Discipline coordinator:** Aspro Geoff Portmann

### Entry Requirements

Applicants will normally have a bachelor degree in any field, although other evidence that a candidate could cope with postgraduate study (for example, employment at a relatively senior level, relevant industry experience) will be looked on favourably.

### Part-time Course Structure

#### Year 1, Semester 1

KPP155	Media Production
KPP104	Film And Television Production Theory

#### Year 1, Semester 2

KPP185	Informational Production
KWP111	Media Writing

## ■ Graduate Certificate in Creative Industries (Publishing and Editing) (KW37)

**Award title:** Graduate Certificate in Creative Industries (Publishing and Editing)

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters (part-time mode of this course may not be available by evening study)

**Total credit points:** 48

**Course coordinator:** Aspro Philip Neilsen

**Discipline coordinator:** Aspro Philip Neilsen

### Entry Requirements

A bachelor degree OR professional experience in the creative industries approved by the course coordinator.

### Part-time Course Structure

#### Semester 1

KWP104	Editing and Developing the Manuscript
KJB322	Desktop Publishing And Editing

#### Semester 2

	Select two from the following
KWB399	The Writing And Publishing Industry
KIB819	Electronic Publishing
KWB314	Corporate Writing And Editing

## ■ Graduate Certificate in Digital Media (KC35)

**Award title:** Graduate Certificate in Digital Media

**Location:** Gardens Point

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Terry Flew

### Course discontinued

There is no intake into this course in 2005.

## ■ Graduate Certificate in Journalism (KJ35)

**Award title:** Graduate Certificate in Journalism

**CRICOS code:** 040323E

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Semester

**Course duration (part-time):** 2 Semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Angela Romano

### Entry Requirements

An approved degree or diploma or professional experience as approved by the course coordinator.

### Full-time Course structure

#### Year 1, Semester 1

KJP120	News Writing
KJP224	Feature Writing
	Journalism elective unit - List A
	Pick one of the following three:
KJP105	Theories Of Journalism
KJB239	Journalism Ethics And Issues
KKB275	Creative Industries Legal Issues

#### Part-time Course structure

#### Year 1, Semester 1

KJP224	Feature Writing
KJP120	News Writing

#### Year 1, Semester 2

	Journalism elective unit - List A
	Choose one of the following units:
KJP105	Theories Of Journalism
KJB239	Journalism Ethics And Issues
KKB275	Creative Industries Legal Issues

### Journalism Elective Units - List A

Please refer to the List A Electives for KJ36 Graduate Diploma in Journalism.

## ■ Graduate Certificate in Music (KM35)

**Award title:** Graduate Certificate in Music

**CRICOS code:** 034715F

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Steve Dillon

**Discipline coordinator:** Prof Andy Arthurs

### Entry Requirements

A degree in any field or equivalent, plus experience relevant to the music pathway selected by the applicant.

### Course Structure

For the Graduate Certificate in Music students complete four 12 credit point units.

#### Pathway: Music Composition for the Creative Industries\*

KMB619	Music And Sound Technology
KMN630	Materials of Music
KMB638	Sound And Image
KMN618	Composing for Moving Pictures

#### Pathway: Music and Media Technologies\*

KMB619	Music And Sound Technology
KMB621	Sound Recording And Acoustics
KMB635	Sound Media Musicianship
KMN626	Music & Sound for Digital Media

#### Pathway: Instrumental Music Teaching/Music Coaching\*

KMN622	Multi-Instrumental Studies 1, or
KMN648	Australian Music Culture
KMN628	Multi-Instrumental Studies 2, or

KMB640	Sex Drugs Rock N Roll
KMB101	Music Curriculum Studies 1
KMB623	Conducting

KMB617 Arranging

**Pathway: Contemporary Music Studies (choose any four)**

KMB640	Sex Drugs Rock N Roll
KMB631	World Music
KMN648	Australian Music Culture
KMB638	Sound And Image
KMB667	Music and Spirituality

## ■ Bachelor of Creative Industries (Honours) (Creative Writing/Media and Communication/Communication Design/Dance/Drama/Interdisciplinary/Visual Arts) (KK52)

**Award title:** Bachelor of Creative Industries (Honours) (Study Area A)

**CRICOS code:** 040321G

**Location:** Kelvin Grove

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Glen Thomas

**Discipline coordinators:** Dance: Aspro Cheryl Stock ; Drama: Ms Christine Comans; Interdisciplinary: Dr Paul Makeham; Visual Arts: Mr Daniel Mafe; Media and Communication: Dr Christina Spurgeon; Communication Design: Dr Angelina Russo; Creative Writing: Dr Glen Thomas

### Entry Requirements

Normally students will apply within the final year of their pass degree. Except where otherwise specified, applicants **MUST** have: completed a Bachelor degree in the relevant discipline area from QUT, or a similar degree from QUT or another university **AND** achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a course GPA of 5 on a seven-point scale).

Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

### Course Structure

#### Year 1, Semester 1

KKN004-1	Honours Project (1/5)
KKN004-2	Honours Project (2/5)
KKN020	Approaches to Enquiry in the Creative Industries
	One unit from List A*

#### Year 1, Semester 2

KKN004-3	Honours Project (3/5)
KKN004-4	Honours Project (4/5)
KKN004-5	Honours Project (5/5)
KKN002	Honours Graduate Seminar

#### \*List A

KTN200	Dramaturgy
KVB004	Contemporary Aesthetic Debates
KWP103	Creative Writing: Novel & Genre
KPP104	Film And Television Production Theory
KJP105	Theories Of Journalism
KCP110	Global Media and Communications Policy

**Note:** Students may choose from units offered elsewhere in the University, which are deemed by the Discipline Coordinator to be relevant to the research project.

## ■ Bachelor of Fine Arts (Honours) (Dance/Creative Writing/Film & Television Production/Visual Arts/Communication Design) (KK53)

**Award title:** Bachelor of Fine Arts (Honours) (Study Area A)

**CRICOS code:** 040320G

**Location:** Kelvin Grove

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Glen Thomas

**Discipline coordinator:** Dance: Aspro Cheryl Stock ; Visual Arts: Mr Daniel Mafe; Communication Design: Dr Angelina Russo; Creative Writing: Dr Glen Thomas; Film and Television: Ms Helen Yeates

### Entry Requirements

Normally students will apply within the final year of their pass degree. Except where otherwise specified, applicants **MUST** have: completed a Bachelor degree in the relevant discipline area from QUT, or a similar degree from QUT or another university; achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a course GPA of 5 on a seven-point scale). Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

### Course Structure

#### Year 1, Semester 1

KKN004-1 Honours Project (1/5)

KKN004-2 Honours Project (2/5)

KKN020 Approaches to Enquiry in the Creative Industries  
One unit from List A

#### Year 1, Semester 2

KKN004-3 Honours Project (3/5)

KKN004-4 Honours Project (4/5)

KKN004-5 Honours Project (5/5)

KKN002 Honours Graduate Seminar

### List A - Creative Industries Honours Electives

KTN200 Dramaturgy

KVB004 Contemporary Aesthetic Debates

KWP103 Creative Writing: Novel & Genre

KPP104 Film And Television Production Theory

KJP105 Theories Of Journalism

KCP110 Global Media and Communications Policy

\*Students may choose from units offered elsewhere in the University, which are deemed by the Discipline Coordinator to be relevant to the research project.

## ■ Bachelor of Journalism (Honours) (KK54)

**Award title:** Bachelor of Journalism (Honours)

**CRICOS code:** 040326B

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Glen Thomas

**Discipline coordinator:** Dr Lee Duffield

### Entry Requirements

Applicants must have completed a Bachelor degree in the relevant discipline area from QUT or a similar degree from QUT or another university, and must have achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a GPA of 5 on a seven-point scale). Alternatively,

candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

### Course Structure

#### Year 1, Semester 1

KKN004-1 Honours Project (1/5)

KKN004-2 Honours Project (2/5)

KKN020 Approaches to Enquiry in the Creative Industries

KJP105 Theories Of Journalism

#### Year 1, Semester 2

KKN004-3 Honours Project (3/5)

KKN004-4 Honours Project (4/5)

KKN004-5 Honours Project (5/5)

KKN002 Honours Graduate Seminar

## ■ Bachelor of Music (Honours) (KK55)

**Award title:** Bachelor of Music (Honours)

**CRICOS code:** 031574E

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Year Full-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Glen Thomas

**Discipline coordinator:** Dr Andrew Brown

### Entry Requirements

Normally students will apply within the final year of their pass degree. Except where otherwise specified, applicants **MUST** have: completed a Bachelor degree in the relevant discipline area from QUT, or a similar degree from QUT or another university **AND** achieved a level of attainment considered by the Faculty Academic Board to be acceptable for the purposes of proceeding to an Honours degree (normally a course GPA of 5 on a seven-point scale).

Alternatively, candidates may be accepted for admission by the Faculty Academic Board, after advice from the Course Coordinator regarding evidence of other relevant qualifications and/or experience.

### Course Structure

#### Year 1, Semester 1

KKN004-1 Honours Project (1/5)

KKN004-2 Honours Project (2/5)

KKN020 Approaches to Enquiry in the Creative Industries  
Elective

#### Year 1, Semester 2

KKN004-3 Honours Project (3/5)

KKN004-4 Honours Project (4/5)

KKN004-5 Honours Project (5/5)

KKN002 Honours Graduate Seminar

### List A - Creative Industries Honours Electives

KTN200 Dramaturgy

KVB004 Contemporary Aesthetic Debates

KWP103 Creative Writing: Novel & Genre

KPP104 Film And Television Production Theory

KJP105 Theories Of Journalism

KCP110 Global Media and Communications Policy

Students may choose from units offered elsewhere in the University, which are deemed by the Discipline Coordinator to be relevant to the research project

## ■ Bachelor of Creative Industries (Communication Design) (KI32)

**Award title:** Bachelor of Creative Industries (Communication Design)

**CRICOS code:** 040304G

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Greg Hooper

## BCI Communication Design

### Year 1, Semester 1

- KIB801 Foundations Of Communication Design 1  
KIB807 Media Technology 1  
Creative Industries Core Unit - List A  
Creative Industries Core Unit - List A

### Year 1, Semester 2

- KIB802 Foundations Of Communication Design 2  
KIB808 Media Technology 2  
Creative Industries Core Unit - List A  
Elective

### Year 2, Semester 1

- KIB803 Temporal Media  
KIB809 Interaction Design  
Creative Industries Core Unit - List A  
Elective

### Year 2, Semester 2

- KIB804 3-D Animation 1  
KIB812 Interdisciplinarity for the Creative Industries  
Elective  
Elective

### Year 3, Semester 1

- KIB805 Design Project A  
KIB810 Information Architecture  
Elective  
Elective

### Year 3, Semester 2

- KIB056 Professional Practice  
KIB817 Project Management  
Elective  
Elective

**Note:** Students must enrol in either a Submajor plus 2 open electives (OUTSIDE the Communication Design offering) OR a Minor plus 4 open electives (OUTSIDE the Communication Design offering).

## Creative Industries Core Units - Communication Design

- KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries

## Interaction Design Choices

### Interaction Design

For students interested in a deeper knowledge of Interaction Design, the following List B electives are recommended:

- KIB815 Inter-facing Media  
KIB821 Mixed Realities  
KIB822 Informational Arts

## Communication Design Choices

### Communication Design

For students interested in a deeper knowledge of Communication Design, the following List B electives are recommended

- KIB811 Visual Interactions  
KIB813 Contemporary Issues In Design and Technology  
KIB814 Enabling Immersion  
KIB825 Animation Practices

## List B: Communication Design Electives

### Semester 1 electives

- KIB811 Visual Interactions  
KIB813 Contemporary Issues In Design and Technology  
KIB814 Enabling Immersion  
KIB819 Electronic Publishing  
KIB820 3-D Animation 2  
KIB822 Informational Arts  
KMB626 Music And Sound For Multimedia

### Semester 2 electives

- KIB815 Inter-facing Media  
KIB819 Electronic Publishing  
KIB821 Mixed Realities  
KIB825 Animation Practices  
KMB626 Music And Sound For Multimedia

## Sub-Majors

### Art and Visual Culture (KAV)

- Introductory Units - compulsory  
KVB702 Australian and Indigenous Art

- KVB447 Drawing  
Advanced Units - both required units plus any 2 to complete submajor; or both required units to complete minor  
KVB712 Contemporary Art Issues (required)  
KVB701 Modernism (required)  
KVB444 Contemporary Asian Visual Culture  
KVB703 Video Art And Culture  
KVB457 Sculpture  
KVB704 Theories Of Spatial Culture

### Communication (KCN)

- Introductory Units - compulsory  
KCB101 Communication in the New Economy  
KCB213 Strategic Speech Communication  
Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor  
KWB314 Corporate Writing And Editing  
KWB111 Media Writing  
KCB150 Media And Communications Industries  
KCB311 Political Communication  
KCB334 Media and Communication Research Methods

### Communication Design (KCD)

- Introductory Units - compulsory  
KIB814 Enabling Immersion  
KIB825 Animation Practices  
Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor  
KIB811 Visual Interactions  
KIB808 Media Technology 2  
KIB813 Contemporary Issues In Design and Technology  
KIB804 3-D Animation 1

### Creative and Professional Writing (KCW)

- Introductory Units - compulsory  
KWB250 Introduction To Creative Writing  
KWB380 Creative Nonfiction: Life Writing  
Advanced Units - both required units plus any 2 to complete submajor; or both required units to complete minor  
KWB315 Persuasive Writing (required)  
KWB314 Corporate Writing and Editing (required)  
KWB381 Creative Nonfiction: Arts, Humour, Travel  
KWB111 Media Writing  
KWB712 Youth and Children's Writing  
KWB350 Creative Writing: The Short Story

### Dance (KDN)

- Introductory Units  
KDB125 Deconstructing Dance in History \*  
\*Deconstructing Dance in History can be substituted with either World Dance or Architecture of the Body in Year 1, Semester 1.  
KDB176 Popular Dance Styles  
Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor  
KDX104 Architecture Of The Body  
KDB106 Dance Analysis  
KDB172 World Dance  
KDB114 Australian Dance

### Digital Media (KDM)

- Introductory Units - compulsory  
KCB140 Media And Society: From Printing Press To Internet  
KCB150 Media And Communications Industries  
Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor  
KCB295 Virtual Cultures  
KCB336 New Media Technologies  
KPB209 Australian Television  
KCB204 Globalisation And New Media

### Indigenous Studies (KIS)

- Introductory Units - compulsory  
HHB123 Indigenous Australian Culture Studies  
KWB701 Indigenous Writing  
Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor  
HHB210 Indigenous Australia: Country, Kin And Culture  
HHB255 Indigenous Politics And Political Culture  
JSB352 Indigenous Justice  
EDB007 Culture Studies: Indigenous Education  
KKB704 Indigenous Creative Industries  
HHB276 Indigenous Knowledge: Research Ethics and Protocols \*to be confirmed

### **Interaction Design (KIN)**

	Introductory Units - compulsory
KIB801	Foundations Of Communication Design 1
KIB808	Media Technology 2
	Advanced Units - choose all three required units plus one other to complete submajor; or KIB809 plus any other advanced unit to complete minor
KIB809	Interaction Design (required)
KIB815	Interfacing Media (required)
KIB822	Informational Arts (required)
KIB810	Information Architecture
KIB821	Mixed Realities

### **Journalism (KJO)**

	Introductory Units - compulsory
KJB101	Journalism Information Systems
KJB120	Newsriting
	Advanced Units - both required units plus any 2 to complete submajor; or both required units to complete minor
KJB121	Journalistic Inquiry (required)
KJB224	Feature Writing (required)
KJB239	Journalism Ethics And Issues
KJB280	International Journalism
KJB339	Fashion and Style Journalism
KJB337	Public Affairs Reporting

### **Literary and Cultural Studies (KLC)**

	Introductory Units - compulsory
KWB716	Introduction To Literary Theory And Cultural Studies
KWB710	Ozlit
	Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor
KWB321	Modern Times: Literature and Culture in the 20th Century
KWB729	Shakespeare, Then And Now
KWB625	American Stories
KWB712	Youth and Children's Writing
KWB724	Wonderlands: Literature And Culture In The 19th Century
KWB725	Popular Fictions, Popular Culture

### **Music and Sound Studies (KMS)**

	Introductory Units - compulsory
KMB640	Sex Drugs Rock N Roll
KMB638	Sound And Image
	Advanced Units - both required units plus any 2 to complete submajor; or both required units to complete minor
KMB631	World Music (required)
KMB667	Music and Spirituality (required)
KMB621	Sound Recording And Acoustics
KMB619	Music And Sound Technology
KMB649	Introductory Musicianship
KMB650	Introductory Ensemble

### **Screen Studies (KSC)**

	Introductory Units - compulsory
KPB130	Media Text Analysis
KPB305	American Film: Genres and Directors, or
KPB141	Film And Television Languages
	Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor
KPB359	Film History
KPB358	Documentary Theory And Practice
KPB343	Australian Film
KPB344	International Cinema

### **Television (KTV)**

	Introductory Units - compulsory
KPB370	Principles of Television
KPB141	Film And Television Languages
	Advanced Units - choose all 4 to complete submajor; or both required units to complete minor
KPB314	Media Business (required)
KPB155	Media Production (required)
KPB260	Community And Educational Video, or
KPB185	Informational Production
KPB371	Advanced Principles of Television

### **Performance Studies (KTP)**

	Introductory Units - compulsory
KTB208	Elements Of Drama
KTB251	20th Century Performance
	Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor
KSB259	The Performance Instrument: Body And Voice
KTB271	Studies In Directing
KTB061	Creative Industries Management

KTB062	Creative Industries Events & Festivals
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KTB257	Studies In Acting 1
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KTB258	Studies In Acting 2
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### **IMPORTANT**

Where it allows, students can take a maximum of 8 units outside the Creative Industries Faculty (depending on the course the student is currently enrolled in). The following submajors/minors are offered through the Faculty of Business. Students may take only ONE of these as a complete submajor. For information about availability of non-Creative Industries Units, contact the Course Coordinator.

### **Advertising (KAD)**

	Introductory Units - compulsory
BSB126	Marketing
AMB200	Consumer Behaviour
	Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor
AMB220	Advertising Theory and Practice
AMB222	Media Planning
AMB221	Advertising Copywriting
AMB320	Advertising Management
AMB321	Advertising Campaigns

### **Entrepreneurship (KEN)**

	Introductory Units - compulsory
BSB126	Marketing
BSB115	Management, People and Organisations
	Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor
MGB223	Creating New Enterprises
MGB218	Venture Skills
BSB212	Electronic Business Applications
AMB241	E-Marketing Strategies
AMB202	Integrated Marketing Communication
AMB251	Innovation and Market Development

### **Public Relations (KPR)**

	Introductory Units - compulsory
BSB126	Marketing
AMB201	Marketing and Audience Research
	Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor
AMB260	Public Relations Theory and Practice
AMB261	Media Relations and Publicity
AMB262	Public Relations Writing
AMB361	Public Relations Campaigns

## **Creative Industries Open Electives**

### **Creative Industries Faculty Elective List**

These unit offerings are current at the time of publication but are subject to change.

Creative Industries students may choose elective units from the following list OR from outside the Faculty area subject to the following guidelines:

- students cannot select a unit that forms part of the compulsory units of their course or the compulsory units of their chosen submajor area.
- students must obey any elective rules as set out in their course summary sheet
- students must have successfully completed any pre/co-requisite units applicable
- the offering of elective units is subject to sufficient student enrolment numbers and staff availability
- some units are subject to quota restrictions

### **Semester 1**

	<b>Media &amp; Communication Discipline</b>
KCB101	Communication in the New Economy
KCB140	Media And Society: From Printing Press To Internet
KCB295	Virtual Cultures
KCB311	Political Communication
	<b>Dance Discipline</b>
KDB125	Deconstructing Dance In History
KDB172	World Dance
KDX104	Architecture Of The Body

### **Journalism Discipline**

KJB121	Journalistic Inquiry
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### **Music & Sound Discipline**

KMB631	World Music
KMB640	Sex Drugs Rock N Roll

### **Film & Television Discipline**

KPB118	Photomedia: Traditions and Techniques
KPB130	Media Text Analysis
KPB209	Australian Television
KPB314	Media Business

KPB343	Australian Film
KPB359	Film History
	<b>Acting &amp; Technical Production Disciplines</b>
KSB259	The Performance Instrument: Body And Voice
KSB278	Technical Theatre
	<b>Performance Studies Discipline</b>
KTB061	Creative Industries Management
KTB208	Elements Of Drama
KTB252	The Sound Of Theatre
KTB253	Staging Australia
KTB275	Understanding Performance
	<b>Visual Arts Discipline</b>
KVB444	Contemporary Asian Visual Culture
KVB447	Drawing
KVB457	Sculpture
KVB503	Clay Materials
KVB507	Painting
KVB509	Photomedia and Artistic Practice
KVB511	Printmaking
KVB702	Australian and Indigenous Art
KVB712	Contemporary Art Issues
	<b>Creative Writing and Cultural Studies Discipline</b>
KWB111	Media Writing
KWB250	Introduction To Creative Writing
KWB315	Persuasive Writing
KWB321	Modern Times: Literature and Culture in the 20th Century
KWB350	Creative Writing: The Short Story
KWB381	Creative Nonfiction: Arts, Humour, Travel
KWB625	American Stories
KWB716	Introduction To Literary Theory And Cultural Studies
KWB724	Wonderlands: Literature And Culture In The 19th Century
	<b>Semester 2</b>
	<b>Media &amp; Communication Discipline</b>
KCB101	Communication in the New Economy
KCB204	Globalisation And New Media
KCB336	New Media Technologies
	<b>Dance Discipline</b>
KDB106	Dance Analysis
KDB114	Australian Dance
KDB176	Popular Dance Styles
	<b>Journalism Discipline</b>
KJB101	Journalism Information Systems
KJB120	Newsriting
	<b>Faculty Offering</b>
KKB275	Creative Industries Legal Issues
	Music & Sound Discipline
KMB619	Music And Sound Technology
KMB638	Sound And Image
KMB650	Introductory Ensemble
KMB667	Music and Spirituality
	<b>Film &amp; Television Discipline</b>
KPB118	Photomedia: Traditions and Techniques
KPB141	Film And Television Languages
KPB305	American Film: Genres and Directors
KPB344	International Cinema
KPB358	Documentary Theory And Practice
	<b>Acting &amp; Technical Production Disciplines</b>
KSB278	Technical Theatre
	<b>Performance Studies Discipline</b>
KTB056	Professional Studies: Performing Self
KTB062	Creative Industries Events & Festivals
KTB251	20th Century Performance
KTB271	Studies In Directing
	<b>Visual Arts Discipline</b>
KVB457	Sculpture
KVB447	Drawing
KVB503	Clay Materials
KVB507	Painting
KVB509	Photomedia and Artistic Practice
KVB511	Printmaking
KVB701	Modernism
KVB703	Video Art And Culture
KVB704	Theories Of Spatial Culture
	<b>Creative Writing &amp; Cultural Studies Discipline</b>
KWB111	Media Writing
KWB314	Corporate Writing And Editing
KWB350	Creative Writing: The Short Story
KWB380	Creative Nonfiction: Life Writing
KWB701	Indigenous Writing

KWB710	Ozlit
KWB712	Youth and Children's Writing
KWB725	Popular Fictions, Popular Culture
KWB729	Shakespeare, Then And Now

## ■ Bachelor of Creative Industries (Creative Writing) (KW32)

**Award title:** Bachelor of Creative Industries (Creative Writing)

**CRICOS code:** 040296C

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Sharyn Pearce

**Discipline coordinator:** Assoc Prof Philip Neilsen

### Course Structure

#### Year 1, Semester 1

KWB250	Introduction To Creative Writing
KWB111	Media Writing
	Creative Industries Core Unit
	Elective

#### Year 1, Semester 2

KWB350	Creative Writing: The Short Story
KJB224	Feature Writing
	Creative Industries Core Unit
	Elective

#### Year 2, Semester 1

KWB229	Film And Television Scriptwriting
	Creative Industries Core Unit
	Elective
	Choose one of the following:
KWB315	Persuasive Writing
KJB322	Desktop Publishing And Editing

#### Year 2, Semester 2

KWB380	Creative Nonfiction: Life Writing
	Creative Industries Core Unit
	Elective
	Choose one from the following:
KWB712	Youth and Children's Writing
KWB314	Corporate Writing And Editing

#### Year 3, Semester 1

KWB370	Electronic Writing
KWB381	Creative Nonfiction: Arts, Humour, Travel
	Elective
	Elective

#### Year 3, Semester 2

KWB399	The Writing And Publishing Industry
KWB395	Creative Writing Project 1
	Elective
	Elective

### List A: Creative Industries Core Units

KKB008	Narrative in the Creative Industries
KKB018	Creative Industries
KKB418	Cultures and Creativity
KKB618	Writing For Creative Industries
KKB818	Introduction To Multimedia Technology

### Sub-Majors

Please refer to the Sub-Majors list under KI32 Bachelor of Creative Industries (Communication Design).

### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

## ■ Bachelor of Creative Industries (Dance) (KD32)

**Award title:** Bachelor of Creative Industries (Dance)

**CRICOS code:** 040303J

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Evan Jones

**Discipline coordinator:** Aspro Cheryl Stock

### Course Structure

#### Year 1, Semester 1

Creative Industries Core Unit - List A  
KDB180 Dance Technique Studies 1  
KDX104 Architecture Of The Body  
KDB125 Deconstructing Dance In History

#### Year 1, Semester 2

Creative Industries Core Unit - List A  
KDB181 Dance Technique Studies 2  
KDX143 Choreographic Studies 1  
KDB106 Dance Analysis

#### Year 2, Semester 1

Creative Industries Core Unit - List A  
KDB182 Dance Technique Studies 3  
KDX144-1 Choreographic Studies 2  
Elective  
Elective

#### Year 2, Semester 2

Creative Industries Core Unit - List A  
KDX144-2 Choreographic Studies 2  
KDB114 Australian Dance  
KDB221 Integrated Professional Skills

#### Year 3, Semester 1

Choose four from the following:  
KDB172 World Dance  
KDB158 Dance And Technology 1  
KDB117 Dance In Education  
Elective  
Elective  
Elective

#### Year 3, Semester 2

Choose four from the following:  
KDB171 Theatre Dance Styles  
KDB159 Dance And Technology 2  
KDB183 Dance Technique Studies 4  
KDB176 Popular Dance Styles  
Elective  
Elective  
Elective

**Note:** Students wishing to graduate with the BCI (Dance) must have completed a minimum of four elective units outside the Dance Discipline.

### List A: Creative Industries Core Units

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

### Sub-Majors

Please refer to the Sub-Majors list under KI32 Bachelor of Creative Industries (Communication Design).

### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

## ■ Bachelor of Creative Industries (Drama) (KT32)

**Award title:** Bachelor of Creative Industries (Drama)

**CRICOS code:** 040298A

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Christine Comans; Assoc Coordinator: Mark Radvan

**Discipline coordinator:** Aspro Judith McLean

### Course Structure

#### Year 1, Semester 1

Creative Industries Core Unit  
KTB214 Process Drama

KSB259 The Performance Instrument: Body And Voice  
KTB257 Studies In Acting 1

#### Year 1, Semester 2

Creative Industries Core Unit  
KTB251 20th Century Performance  
KTB271 Studies In Directing  
KTB273 Performance 1

#### Year 2, Semester 1

Creative Industries Core Unit  
KTB252 The Sound Of Theatre  
KSB278 Technical Theatre  
Elective

#### Year 2, Semester 2

Creative Industries Core Unit  
KTB304 Forming Knowledge  
Elective  
Elective

#### Year 3, Semester 1

KTB253 Staging Australia  
KTB275 Understanding Performance  
Elective  
Elective

#### Year 3, Semester 2

KTB272 Drama And Community Cultural Development  
Elective  
Elective  
Elective

### BCI (Drama) Electives Semester 1

KKB320 Workplace Learning  
KKB057 Independent Study  
KTB061 Creative Industries Management  
KTB308 Performance 2  
KTB277 Physical Theatre  
KTB306 Directing for Theatre\*  
KTB310 Studies in Acting 3\*

\*3rd year students only

**Note:** KKB057 Independent Study is available only to third year students. Conditions apply - see course coordinator.

### BCI (Drama) Electives Semester 2

KKB320 Workplace Learning  
KKB057 Independent Study  
KTB056 Professional Studies: Performing Self  
KTB061 Creative Industries Management  
KTB258 Studies In Acting 2  
KTB280 Drama As Social Action  
KTB307 Writing For Performance  
KTB062 Creative Industries Events & Festivals  
KTB309 Performance 3\*

\*3rd year students only

**Note:** KKB057 Independent Study is available only to third year students. Conditions apply - see course coordinator.

### List A: Creative Industries Core Units

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

### Sub-Majors

Please refer to the Sub-Majors list under KI32 Bachelor of Creative Industries (Communication Design).

### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

## ■ Bachelor of Creative Industries (Interdisciplinary) (KK32)

**Award title:** Bachelor of Creative Industries

**CRICOS code:** 040297B

**Location:** Kelvin Grove and Caboolture

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Paul Makeham



## Course Design

In addition to selecting core studies in creative industries from units covering Narrative in the Creative Industries, Creative Industries, Cultures and Creativity, Writing for Creative Industries and Introduction to Multimedia, students can choose from the following structures:

### Structure One:

4 Creative Industries Core Units  
3 Submajors (6 units each)  
2 Electives  
or

### Structure Two:

4 Creative Industries Core Units  
2 Submajors (6 units each)  
1 Minor (4 units)  
4 Electives  
or

### Structure Three:

4 Creative Industries Core Units  
2 Submajors (6 units each)  
2 Minors (4 units each)  
No elective units

### Study Areas:

Art and Visual Culture  
Communication  
Communication Design  
Creative and Professional Writing  
Dance  
Digital Media  
Indigenous Studies  
Interaction Design  
Journalism  
Literary and Cultural Studies  
Music and Sound Studies  
Screen Studies  
Television  
Performance Studies

Students may complement their studies with units from another QUT Faculty including Business, Information Technology, Science, Law, Health, Built Environment and Engineering, Education and Social Science. Please note that submajors in Entrepreneurship, Advertising and Public Relations are available through the Faculty of Business.

In their final year Bachelor of Creative Industries students will have the opportunity to engage in internships, industry placements and practical projects in order to prepare themselves for entry-level positions in their chosen career.

## Course Structure - Overview

Students are required to conform to one of the following three course structures:

### STRUCTURE ONE

Four Creative Industries Core Units  
Three submajors ( 6 units each)  
Two elective units

#### Year 1, Semester 1

Creative Industries Core Unit - List A  
Sub-Major One  
Sub-Major Two  
Sub-Major Three

#### Year 1, Semester 2

Creative Industries Core Unit - List A  
Sub-Major One  
Sub-Major Two  
Sub-Major Three

#### Year 2, Semester 1

Creative Industries Core Unit - List A  
Sub-Major One  
Sub-Major Two  
Sub-Major Three

#### Year 2, Semester 2

Creative Industries Core Unit - List A  
Sub-Major One  
Sub-Major Two  
Sub-Major Three

#### Year 3, Semester 1

Sub-Major One  
Sub-Major Two  
Sub-Major Three  
Elective

#### Year 3, Semester 2

Sub-Major One  
Sub-Major Two  
Sub-Major Three  
Elective

### STRUCTURE TWO

Four Creative Industries Core Units  
Two submajors (6 units each)  
One minor (4 units each)  
Four elective units

#### Year 1, Semester 1

Creative Industries Core Unit - List A  
Sub Major One  
Sub Major Two  
Minor

#### Year 1, Semester 2

Creative Industries Core Unit - List A  
Sub Major One  
Sub Major Two  
Minor

#### Year 2, Semester 1

Creative Industries Core Unit - List A  
Sub Major One  
Sub Major Two  
Elective

#### Year 2, Semester 2

Creative Industries Core Unit - List A  
Sub Major One  
Sub Major Two  
Elective

#### Year 3, Semester 1

Sub Major One  
Sub Major Two  
Minor  
Elective

#### Year 3, Semester 2

Sub Major One  
Sub Major Two  
Minor  
Elective

### STRUCTURE THREE

Four Creative Industries Core Units  
2 Submajors  
2 Minors  
No Electives

#### Year 1, Semester 1

Creative Industries Core Unit - List A  
Sub Major One  
Sub Major Two  
Minor One

#### Year 1, Semester 2

Creative Industries Core Unit - List A  
Sub Major One  
Sub Major Two  
Minor Two

#### Year 2, Semester 1

Creative Industries Core Unit - List A  
Sub Major One  
Sub Major Two  
Minor One

#### Year 2, Semester 2

Creative Industries Core Unit - List A  
Sub Major One  
Sub Major Two  
Minor Two

#### Year 3, Semester 1

Sub Major One  
Sub Major Two  
Minor One  
Minor Two

**Year 3, Semester 2**

Sub Major One  
Sub Major Two  
Minor One  
Minor Two

**List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

**Sub-Majors**

Please refer to the Sub-Majors list under KI32 Bachelor of Creative Industries (Communication Design).

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

**Caboolture Course Structure - Overview**

*Students are required to follow one of the following three course structures as detailed below:*

**COURSE STRUCTURE ONE**

If you are completing pathways A or B, you can choose to follow this structure:

4 Creative Industries Faculty Core Units  
1 Pathway (A or B)  
2 Creative Industries Submajors  
2 Electives

**Year 1, Semester 1**

KKB818 Introduction To Multimedia Technology  
Pathway A or B (3 units - each 12cp)

**Year 1, Semester 2**

KKB018 Creative Industries  
Continue with the first semester pathway (3 units - each 12cp)

**Year 2, Semester 1**

Creative Industries Faculty Core Unit  
Submajor One  
Submajor One  
Submajor Two

**Year 2, Semester 2**

Creative Industries Faculty Core Unit  
Submajor One  
Submajor One  
Submajor Two

**Year 3, Semester 1**

Submajor One  
Submajor Two  
Submajor Two  
Elective

**Year 3, Semester 2**

Submajor One  
Submajor Two  
Submajor Two  
Elective

**COURSE STRUCTURE TWO**

If you are completing pathways A or B you can choose to follow this structure:

4 Creative Industries Faculty Core Units  
1 Pathway (A or B)  
1 Creative Industries Submajor  
1 Minor  
4 Electives, or

If you are completing pathways C, D or E, you can choose to follow this structure:

4 Creative Industries Faculty Core Units  
1 Pathway (C, D or E)  
2 Creative Industries Submajors  
2 Electives

**Year 1, Semester 1**

KKB818 Introduction To Multimedia Technology  
Any Pathway - A, B, C, D, E

**Year 1, Semester 2**

KKB018 Creative Industries  
Continue with the first semester pathway

**Year 2, Semester 1**

Creative Industries Faculty Core Unit  
Submajor One

Submajor One

Submajor Two (if you completed pathway C, D or E), or  
Minor (if you completed pathway A or B)

**Year 2, Semester 2**

Creative Industries Faculty Core Unit

Submajor One

Submajor One

Submajor Two (if you completed pathway C, D or E), or  
Minor (if you completed pathway A or B)

**Year 3, Semester 1**

Submajor One

Minor (if you completed pathway A or B)

Elective (if you completed pathway A or B), or

Submajor Two (if you completed pathway C, D or E)

Submajor Two (if you completed pathway C, D or E)

Elective (all pathways)

**Year 3, Semester 2**

Submajor One

Minor (if you completed pathway A or B)

Elective (if you completed pathway A or B), or

Submajor Two (If you completed pathway C, D or E)

Submajor Two (if you completed pathway C, D or E)

Elective (all pathways)

**COURSE STRUCTURE THREE**

If you are completing pathways A or B you can choose to follow this structure:

4 Creative Industries Faculty Core Units  
1 Pathway (A or B)  
1 Creative Industries Submajor  
2 Minors  
No Elective Units

**Year 1, Semester 1**

KKB818 Introduction To Multimedia Technology  
Pathway A or B (3 units - each 12cp)

**Year 1, Semester 2**

KKB018 Creative Industries  
Continue with the first semester pathway (3 units - each 12cp)

**Year 2, Semester 1**

Creative Industries Faculty Core Unit

Submajor One

Submajor One

Minor One

**Year 2, Semester 2**

Creative Industries Faculty Core Unit

Submajor One

Submajor One

Minor One

**Year 3, Semester 1**

Submajor One

Minor One

Minor Two

Minor Two

**Year 3, Semester 2**

Submajor One

Minor One

Minor Two

Minor Two

**Caboolture Pathways**

**PATHWAY A**

**Year 1, Semester 1**

KKB818 Introduction To Multimedia Technology  
EDB001 Teaching and Learning Studies 1: Teaching in New Times  
EDB006 Learning Networks  
CLB004 Integrated Foundation Studies 1: Visual and Verbal Language and Literacies

**Year 1, Semester 2**

KKB018 Creative Industries  
EDB007 Culture Studies: Indigenous Education

Choose two units from:

CLB006 Primary Curriculum and Pedagogies: Language and Literacies  
1

MDB002 Primary Curriculum and Pedagogies: Mathematics 1

CLB002 Computer Applications in BCT

**Years 2 & 3 at Kelvin Grove to complete course:**

2 Creative Industries Faculty Core Units; 2 Creative Industries Submajors  
and 2 electives

OR

2 Creative Industries Faculty Core Units; 1 Creative Industries Submajor;  
1 Creative Industries Minor and 4 electives

OR

2 Creative Industries Faculty Core Units; 1 Creative Industries submajor;

2 Creative Industries Minors and no electives

#### **PATHWAY B**

##### **Year 1, Semester 1**

KKB818 Introduction To Multimedia Technology

BSB126 Marketing

Choose two units from:

BSB110 Accounting

BSB113 Economics

BSB114 Government, Business and Society

BSB119 International and Electronic Business

BSB122 Quantitative Analysis and Finance

##### **Year 1, Semester 2**

KKB018 Creative Industries

BSB115 Management, People and Organisations

Choose two units from:

BSB110 Accounting

BSB113 Economics

BSB114 Government, Business and Society

BSB119 International and Electronic Business

BSB122 Quantitative Analysis and Finance

##### **Years 2 & 3 at Kelvin Grove to complete course:**

2 Creative Industries Faculty Core Units; 2 Creative Industries Submajors  
and 2 electives

OR

2 Creative Industries Faculty Core Units; 1 Creative Industries Submajor;

1 Creative Industries Minor and 4 electives

OR

2 Creative Industries Faculty Core Units; 1 Creative Industries Submajor;

2 Creative Industries Minors and no electives

#### **PATHWAY C**

##### **Year 1, Semester 1**

KKB818 Introduction To Multimedia Technology

EDB006 Learning Networks

CLB004 Integrated Foundation Studies 1: Visual and Verbal Language  
and Literacies  
Elective

##### **Year 1, Semester 2**

KKB018 Creative Industries

EDB001 Teaching and Learning Studies 1: Teaching in New Times

EDB007 Culture Studies: Indigenous Education  
Elective

##### **Years 2 & 3 at Kelvin Grove to complete course:**

2 Creative Industries Faculty Core Units; 2 Creative  
Industries Submajors and 2 electives

#### **PATHWAY D**

##### **Year 1, Semester 1**

KKB818 Introduction To Multimedia Technology

BSB126 Marketing

Elective

Choose one unit from:

BSB110 Accounting

BSB113 Economics

BSB114 Government, Business and Society

BSB119 International and Electronic Business

BSB122 Quantitative Analysis and Finance

##### **Year 1, Semester 2**

KKB018 Creative Industries

BSB115 Management, People and Organisations  
Elective

Choose one unit from:

BSB110 Accounting

BSB113 Economics

BSB114 Government, Business and Society

BSB119 International and Electronic Business

BSB122 Quantitative Analysis and Finance

##### **Years 2 & 3 at Kelvin Grove to complete course:**

2 Creative Industries Faculty Core Units; 2 Creative  
Industries Submajors and 2 electives

#### **PATHWAY E**

##### **Year 1, Semester 1**

KKB818 Introduction To Multimedia Technology

HHB116 Applied Skills And Scholarship

HHB110 Introduction To International And Global Studies  
Elective

##### **Year 1, Semester 2**

KKB018 Creative Industries

HHB104 Understanding Society: Intro To Sociology

HHB114 Introduction To Human Rights And Ethics  
Elective

##### **Years 2 & 3 at Kelvin Grove to complete course:**

2 Creative Industries Faculty Core Units; 2 Creative  
Industries Submajors and 2 electives

## ■ Bachelor of Creative Industries (Media and Communication) (KC32)

**Award title:** Bachelor of Creative Industries (Media and Communication)

**CRICOS code:** 040305G

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Jillian Clare

**Discipline coordinator:** Dr Terry Flew

### **Course Structure**

#### **Year 1, Semester 1**

KCB101 Communication in the New Economy

KCB213 Strategic Speech Communication

KCB140 Media And Society: From Printing Press To Internet  
Creative Industries Core Unit - See List A

#### **Year 1, Semester 2**

KCB150 Media And Communications Industries

KCB334 Media and Communication Research Methods  
Creative Industries Core Unit - See List A

Creative Industries Core Unit - See List A

#### **Year 2, Semester 1**

Creative Industries Core Unit - See List A

Elective

Elective

Choose one from the following:

KPB209 Australian Television

KCB295 Virtual Cultures

#### **Year 2, Semester 2**

KCB335 Managing Communication Resources

KCB336 New Media Technologies

Elective

Elective

#### **Year 3, Semester 1**

KCB349 Media Audiences

KCB311 Political Communication

Elective

Elective

#### **Year 3, Semester 2**

KCB348 Applied Media Communication

Elective

Elective

Choose one from the following:

KCB204 Globalisation And New Media

KKB704 Indigenous Creative Industries

KKB275 Creative Industries Legal Issues

### **List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries

KKB018 Creative Industries

KKB418 Cultures and Creativity

KKB618 Writing For Creative Industries

KKB818 Introduction To Multimedia Technology

### **Sub-Majors**

Please refer to the Sub-Majors list under KI32 Bachelor of Creative Industries (Communication Design).

### **Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

## ■ Bachelor of Creative Industries (Television) (KP32)

**Award title:** Bachelor of Creative Industries (Television)

**CRICOS code:** 048294G

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Alan McKee

**Discipline coordinator:** Aspro Geoff Portmann

### Course Structure

#### Year 1, Semester 1

- KPB370 Principles of Television
- KPB155 Media Production  
OR options below:  
If a student has advanced standing in skills and approaches taught in KPB155 Media Production, they may opt to take one of the following as a required unit:
- KPB118 Photomedia: Traditions and Techniques, or  
KWB111 Media Writing, or  
KIB801 Foundations Of Communication Design 1, or  
KMB621 Sound Recording And Acoustics  
Creative Industries Core Unit  
Elective

#### Year 1, Semester 2

- KPB141 Film And Television Languages
- KPB185 Informational Production  
Creative Industries Core Unit  
Elective

#### Year 2, Semester 1

- KPB372-1 Televisual Formats
- KCB349 Media Audiences  
Creative Industries Core Unit  
Elective

#### Year 2, Semester 2

- KPB372-2 Televisual Formats
- KPB371 Advanced Principles of Television  
OPTIONS - students who have not taken options from Year 1, Semester 1 may do so:
- KVB509 Photomedia and Artistic Practice , or  
KMB638 Sound And Image, or  
KWB229 Film And Television Scriptwriting  
Creative Industries Core Unit

#### Year 3, Semester 1

- KPB275 Television Online
- KPB314 Media Business, or  
KPB209 Australian Television  
Elective, or  
KKB340-1 Workplace Learning

#### Year 3, Semester 2

- KKB320 Workplace Learning , or  
KKB330 Workplace Learning , or  
KKB340-2 Workplace Learning  
KJB130 Factual Television  
Elective  
Elective (if student chooses either KKB320 or KKB340-2 Workplace Learning unit)

### List A: Creative Industries Core Units

- KKB008 Narrative in the Creative Industries
- KKB018 Creative Industries
- KKB418 Cultures and Creativity
- KKB618 Writing For Creative Industries
- KKB818 Introduction To Multimedia Technology

### Sub-Majors

Please refer to the Sub-Majors list under KI32 Bachelor of Creative Industries (Communication Design).

## ■ Bachelor of Creative Industries (Visual Arts) (KV32)

**Award title:** Bachelor of Creative Industries (Visual Arts)

**CRICOS code:** 040295D

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Aspro David Hawke

**Discipline coordinator:** Aspro David Hawke

### Course Structure

#### Year 1, Semester 1

- KVB740 Studio Art Practice 1
- KVB702 Australian and Indigenous Art  
Creative Industries Core Unit

#### Year 1, Semester 2

- KVB701 Modernism  
Creative Industries Core Unit  
Visual Arts Elective  
Elective

#### Year 2, Semester 1

- KVB444 Contemporary Asian Visual Culture  
Creative Industries Core Unit  
Visual Arts Elective  
Elective

#### Year 2, Semester 2

- KVB703 Video Art And Culture
- KVB741 Studio Art Practice 2  
Elective

#### Year 3, Semester 1

- KVB742 Studio Art Practice 3  
Creative Industries Core Unit  
Elective

#### Year 3, Semester 2

- Elective  
Elective  
Elective  
Elective

### List A: Creative Industries Core Units

- KKB008 Narrative in the Creative Industries
- KKB018 Creative Industries
- KKB418 Cultures and Creativity
- KKB618 Writing For Creative Industries
- KKB818 Introduction To Multimedia Technology

### Sub-Majors

Please refer to the Sub-Majors list under KI32 Bachelor of Creative Industries (Communication Design).

### Visual Arts Electives

- KVB447 Drawing
- KVB457 Sculpture
- KVB503 Clay Materials
- KVB507 Painting
- KVB509 Photomedia and Artistic Practice
- KVB511 Printmaking
- KVB751 Extended Studio Practice 1
- KVB752 Extended Studio Practice 2
- KVB755 Foundations of Drawing for Animation
- KVB756 Foundations of Drawing For Animation 2
- KVB759 Visual Promotion
- KVB703 Video Art And Culture
- KVB702 Australian and Indigenous Art

### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

## ■ Bachelor of Fine Arts (Acting) (KS25)

**Award title:** Bachelor of Fine Arts (Acting)

**CRICOS code:** 040300A

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dianne Eden

**Discipline coordinator:** Dianne Eden

### Course Structure

#### Year 1, Semester 1

- KSB202 Acting 1
- KSB204 Voice And Movement 1

Creative Industries Core Unit  
Elective (see note 1)

**Year 1, Semester 2**

KSB203 Acting 2  
KSB205 Voice And Movement 2  
KTB251 20th Century Performance  
Creative Industries Core Unit

**Year 2, Semester 1**

KSB011 Music Theatre Skills  
KSB247 Acting 3  
KSB233 Voice And Movement 3  
Elective (see note 1)

**Year 2, Semester 2**

KSB012 Music Theatre Project  
KSB248 Acting 4  
KSB234 Voice And Movement 4  
KTB271 Studies In Directing

**Year 3, Semester 1**

KTB253 Staging Australia  
KSB255 Theatre Project 1

**Year 3, Semester 2**

KSB056 Professional Studies  
KSB256 Theatre Project 2

**Note:**

1. Students must choose two electives from outside the Acting discipline.  
2. KSB202 and KSB203 are Designated units. These units are compulsory units which result in the development of particular skills and abilities. A satisfactory level of performance in a designated unit is a grade of 3 or higher, or S-Satisfactory. This level of achievement is required for successful completion of this course. See Student Rules for more details.

**List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

**■ Bachelor of Fine Arts (Animation) (KI26)**

**Award title:** Bachelor of Fine Arts (Animation)

**CRICOS code:** 052995K

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288cp

**Standard credit points per semester (full-time):** 48cp

**Course coordinator:** Dr Gregory Hooper

**Full-time Course Structure**

**Year 1, Semester 1**

Creative Industries Core Unit  
Creative Industries Core Unit  
KIB801 Foundations Of Communication Design 1  
KIB301 Introduction to Programming for 3D

**Year 1, Semester 2**

KVB755 Foundations of Drawing for Animation  
KWB229 Film And Television Scriptwriting  
KIB303 Modelling and Texturing for Game Design  
Elective

**Year 2, Semester 1**

KIB804 3-D Animation 1  
KIB305 Animation and Character Set-up  
KVB756 Foundations of Drawing For Animation 2  
KSB200 Acting for Animators

**Year 2, Semester 2**

KIB820 3-D Animation 2  
KMB626 Music And Sound For Multimedia  
KIB304 Particles for Visual Effects 1  
KIB306 Surface, Shaders, Lighting for 3D

**Year 3, Semester 1**

KIB307 Character Development, Conceptual Design and Animation  
Layout  
Elective  
KIB308 Compositing for Visual Effects

KIB056-1 Professional Practice (1/2)

**Year 3, Semester 2**

KIB817 Project Management  
KIB056-2 Professional Practice (2/2)  
Elective  
Elective

**List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

**■ Bachelor of Fine Arts (Communication Design) - Sound Design (KI25)**

**Award title:** Bachelor of Fine Arts (Communication Design)

**CRICOS code:** 020296B

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Course coordinator:** Dr Greg Hooper

**Course Structure**

**Year 1, Semester 1**

Creative Industries Core Unit  
Creative Industries Core Unit  
KMB619 Music And Sound Technology  
KMB657 Music Production 1

**Year 1, Semester 2**

KIB807 Media Technology 1  
KMB621 Sound Recording And Acoustics  
KMB658 Music Production 2  
Choose one from:

KMB638 Sound And Image  
KMB648 The Music Scene

**Year 2, Semester 1**

KIB812-1 Interdisciplinarity for the Creative Industries  
KMB626 Music And Sound For Multimedia  
KMB659 Music Production 3  
Choose one from:

KMB631 World Music  
KMB640 Sex Drugs Rock N Roll

**Year 2, Semester 2**

KIB812-2 Interdisciplinarity for the Creative Industries  
KMB635 Sound Media Musicianship  
KMB660 Music Production 4  
Elective

**Year 3, Semester 1**

KMB661-1 Music Production 5  
KMB618 Soundtracks For Film And Television  
KIB056-1 Professional Practice (1/2)

**Year 3, Semester 2**

KMB661-2 Music Production 5  
KIB056-2 Professional Practice (2/2)  
Elective

**List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

**Sound Design**

**For continuing students who commenced the program prior to 2005.**

**Year 2, Semester 1**

KIB809 Interaction Design  
KMB626 Music And Sound For Multimedia  
KMB659 Music Production 3  
Choose one of the following:  
KMB640 Sex Drugs Rock N Roll

KMB631 World Music

**Year 2, Semester 2**

Creative Industries Core Unit

KIB815 Inter-facing Media

KMB635 Sound Media Musicianship

KMB660 Music Production 4

**Year 3, Semester 1**

KMB618 Soundtracks For Film And Television

KMB661-1 Music Production 5

Elective

**Year 3, Semester 2**

KIB056 Professional Practice

KMB661-2 Music Production 5

Elective

**Animation**

**For continuing students who commenced the program prior to 2005.**

**Year 2, Semester 1**

KIB803 Temporal Media

KIB804 3-D Animation 1

KIB809 Interaction Design

KDX104 Architecture Of The Body

**Year 2, Semester 2**

KIB820 3-D Animation 2

KIB821 Mixed Realities

KSB200 Acting for Animators

Students who have not completed KIB816 should enrol in KKB008

**Year 3, Semester 1**

KIB805 Design Project A

KIB813 Contemporary Issues In Design and Technology

KIB826 3-D Animation 3

Elective

**Year 3, Semester 2**

KIB806 Design Project B

KIB056 Professional Practice

Elective

**Interaction Design**

**For continuing students who commenced the program prior to 2005.**

**Year 2, Semester 1**

KIB803 Temporal Media

KIB809 Interaction Design

KIB804 3-D Animation 1

Students who have not completed KIB816 should enrol in KKB008

**Year 2, Semester 2**

KIB810 Information Architecture

KIB815 Inter-facing Media

KIB821 Mixed Realities

PYB057 Applied Cognitive Psychology

**Year 3, Semester 1**

KIB805 Design Project A

KIB813 Contemporary Issues In Design and Technology

KIB822 Informational Arts

Elective

**Year 3, Semester 2**

KIB056 Professional Practice

KIB806 Design Project B

Elective

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives list under K132 Bachelor of Creative Industries (Communication Design).

**■ Bachelor of Fine Arts (Creative Writing Production) (KW25)**

**Award title:** Bachelor of Fine Arts (Creative Writing Production)

**CRICOS code:** 040306F

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Sharyn Pearce

**Discipline coordinator:** Aspro Philip Neilsen

**Course Structure**

**Year 1, Semester 1**

KWB250 Introduction To Creative Writing

KWB111 Media Writing

Creative Industries Core Unit

Elective

**Year 1, Semester 2**

KWB350 Creative Writing: The Short Story

KWB229 Film And Television Scriptwriting

Creative Industries Core Unit

Elective

**Year 2, Semester 1**

KWB370 Electronic Writing

KWB381 Creative Nonfiction: Arts, Humour, Travel

Elective

Please select one of the following:

KJB224 Feature Writing

KWB315 Persuasive Writing

**Year 2, Semester 2**

KWB380 Creative Nonfiction: Life Writing

KWB395 Creative Writing Project 1

Elective

Please select one from the following:

KWB712 Youth and Children's Writing

KWB314 Corporate Writing and Editing

**Year 3, Semester 1**

KWB382 Editing and Creative Writing [24cp]

Elective

Elective

**Year 3, Semester 2**

KWB396 Creative Writing Project 2

KWB399 The Writing And Publishing Industry

**List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries

KKB018 Creative Industries

KKB418 Cultures and Creativity

KKB618 Writing For Creative Industries

KKB818 Introduction To Multimedia Technology

**Sub-Majors**

Please refer to the Sub-Majors list under K132 Bachelor of Creative Industries (Communication Design).

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives list under K132 Bachelor of Creative Industries (Communication Design).

**■ Bachelor of Fine Arts (Dance) (KD25)**

**Award title:** Bachelor of Fine Arts (Dance)

**CRICOS code:** 032393B

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Evan Jones

**Discipline coordinator:** Aspro Cheryl Stock

**Course Structure**

**Year 1, Semester 1**

KDX111 Performance 1

KDB180 Dance Technique Studies 1

KDX104 Architecture Of The Body

KDB125 Deconstructing Dance In History

**Year 1, Semester 2**

KDX112 Performance 2

KDB181 Dance Technique Studies 2

KDX143 Choreographic Studies 1

KDB106 Dance Analysis

**Year 2, Semester 1**

Creative Industries Core Unit - List A

KDX141 Performance 3

KDB182 Dance Technique Studies 3

KDX144-1 Choreographic Studies 2

**Year 2, Semester 2**

KDX142 Performance 4

KDB183 Dance Technique Studies 4

KDX144-2 Choreographic Studies 2

KDB114 Australian Dance  
KDB221 Integrated Professional Skills  
**Year 3, Semester 1**  
Creative Industries Core Unit - List A  
Choose one of the following:

KDB193 Dance Project 1A  
KKB320 Workplace Learning  
Choose two of the following units:  
KDB158 Dance And Technology 1  
KDB172 World Dance  
KSB011 Music Theatre Skills  
Elective

**Year 3, Semester 2**  
Choose one of the following units:  
KDB199 Dance Project 1B  
KKB320 Workplace Learning  
Choose three from the following:

KDB159 Dance And Technology 2  
KSB012 Music Theatre Project  
KDB171 Theatre Dance Styles  
Elective  
Elective

**Note:** Students wishing to graduate with the Bachelor of Fine Arts (Dance) must have completed two units outside the Dance area.

### List A: Creative Industries Core Units

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives list under K132 Bachelor of Creative Industries (Communication Design).

## ■ Bachelor of Fine Arts (Fashion Design) (KF25)

**Award title:** Bachelor of Fine Arts (Fashion Design)

**CRICOS code:** 046860J

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Aspro Suzi Vaughan

**Discipline coordinator:** Aspro Suzi Vaughan

### Course Structure

**Year 1, Semester 1**  
KFB401 Design Studio 1  
KVB757-1 Drawing For Fashion 1 (1/2)  
KFB407-1 Textiles (1/2)  
Creative Industries Core Unit - List A

**Year 1, Semester 2**  
KFB402 Design Studio 2  
KVB757-2 Drawing for Fashion 1 (2/2)  
KFB407-2 Textiles (2/2)  
KFB408 Fashion In Context

**Year 2, Semester 1**  
KVB758-1 Drawing for Fashion 2 (1/2)  
KFB410-1 Research Seminar (1/2)  
KFB403 Design Studio 3  
Creative Industries Core Unit - See List A

**Year 2, Semester 2**  
KFB404 Design Studio 4  
KVB758-2 Drawing for Fashion 2 (2/2)  
KFB410-2 Research Seminar (2/2)  
Elective  
Fashion Elective - choose one from:

KFB411 Advanced Textiles  
KVB759 Visual Promotion  
KJB339 Fashion and Style Journalism

**Year 3, Semester 1**  
KFB405 Design Studio 5  
KKB320 Workplace Learning  
KFB412 Applied Planning

Elective

### Year 3, Semester 2

KFB406 Design Studio 6  
KFB056 Professional Studies (Fashion)  
Fashion Elective - choose one from:  
KFB411 Advanced Textiles  
KVB759 Visual Promotion  
KJB339 Fashion and Style Journalism  
KFB414 Cross Media Design Applications  
KFB415 Design Project

### SOME SUGGESTED BUSINESS PATHWAYS AND ELECTIVES

Enterprise Development  
MIB227 Product Innovation And Market Development  
MGB223 Creating New Enterprises  
Marketing and Retailing  
MIB217 Marketing Management  
MIB229 Retail Marketing

### List A: Creative Industries Core Units

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives list under K132 Bachelor of Creative Industries (Communication Design).

## ■ Bachelor of Fine Arts (Film and Television) (KP25)

**Award title:** Bachelor of Fine Arts (Film and Television)

**CRICOS code:** 040299M

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Helen Yeates

**Discipline coordinator:** Aspro Geoff Portmann

### Course Structure

#### Production Pathway

**Year 1, Semester 1**  
KWB111 Media Writing  
KPB155 Media Production  
KPB359 Film History  
Creative Industries Core Unit  
**Year 1, Semester 2**  
KPB141 Film And Television Languages  
KPB185 Informational Production  
KPB305 American Film: Genres and Directors, or  
KPB344 International Cinema  
Creative Industries Core Unit

**Year 2, Semester 1**  
KPB190 Creative Production  
KPB314 Media Business  
KPB118 Photomedia: Traditions and Techniques

**Year 2, Semester 2**  
KPB265 Multi-Camera Television Studio Production  
KWB229 Film And Television Scriptwriting  
KPB358 Documentary Theory And Practice

**Year 3, Semester 1**  
KPB360 Documentary Production  
KPB268 Film And Television Drama Practice  
Elective

**Year 3, Semester 2**  
KPB270 Film Drama Production  
Elective

### Writing for Screen Pathway

**Year 1, Semester 1**  
KWB111 Media Writing  
KWB250 Introduction To Creative Writing  
KPB155 Media Production  
Creative Industries Core Unit

**Year 1, Semester 2**  
KPB185 Informational Production

KWB350 Creative Writing: The Short Story  
Creative Industries Core Unit  
Elective

**Year 2, Semester 1**

KPB190 Creative Production  
KWB229 Film And Television Scriptwriting  
Elective

**Year 2, Semester 2**

KPB265 Multi-Camera Television Studio Production  
KWB380 Creative Nonfiction: Life Writing  
KWB399 The Writing And Publishing Industry

**Year 3, Semester 1**

KPB268 Film And Television Drama Practice  
KWB370 Electronic Writing  
KPB314 Media Business  
KTB307 Writing For Performance

**Year 3, Semester 2**

KPB270 Film Drama Production  
KWB395 Creative Writing Project 1, or  
KWB712 Youth and Children's Writing

**Multimedia Pathway**

**Year 1, Semester 1**

KWB111 Media Writing  
KPB155 Media Production  
KIB801 Foundations Of Communication Design 1  
Creative Industries Core Unit

**Year 1, Semester 2**

KPB185 Informational Production  
KIB802 Foundations Of Communication Design 2  
KIB807 Media Technology 1  
Creative Industries Core Unit

**Year 2, Semester 1**

KPB190 Creative Production  
KPB314 Media Business  
KIB803 Temporal Media

**Year 2, Semester 2**

KPB358 Documentary Theory And Practice  
KIB804 3-D Animation 1  
KMB626 Music And Sound For Multimedia  
Elective

**Year 3, Semester 1**

KPB360 Documentary Production  
KIB809 Interaction Design  
KIB810 Information Architecture

**Year 3, Semester 2**

KWB229 Film And Television Scriptwriting  
KIB815 Inter-facing Media  
KIB821 Mixed Realities  
Elective

**List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives list under K132 Bachelor of Creative Industries (Communication Design).

**■ Bachelor of Fine Arts (Technical Production) (KS26)**

**Award title:** Bachelor of Fine Arts (Technical Production)

**CRICOS code:** 040301M

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Sue Benfer

**Discipline coordinator:** Ms Dianne Eden

**Course Structure**

**Year 1, Semester 1**

KSB274 Theatrecraft  
KSB289 Technical Production 1

KSB292 Stage Management 1  
Creative Industries Core Unit

**Year 1, Semester 2**

KMB621 Sound Recording And Acoustics  
KTB251 20th Century Performance  
KSB018 Event Technology Practice  
Creative Industries Core Unit

**Year 2, Semester 1**

KSB290 Technical Production 2  
KSB293 Stage Management 2  
KSB276 Visual Theatre - Design  
Elective (see note 1)

**Year 2, Semester 2**

KSB291 Technical Production 3  
KTB271 Studies In Directing  
KTB061 Creative Industries Management  
Elective (see note 1)

**Year 3, Semester 1**

KSB294 Stage Management 3  
KSB255 Theatre Project 1

**Year 3, Semester 2**

KSB056 Professional Studies  
KSB256 Theatre Project 2

**Note:** Students must choose two electives outside the Technical Production Discipline.

**List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives list under K132 Bachelor of Creative Industries (Communication Design).

**■ Bachelor of Fine Arts (Visual Arts) (KV25)**

**Award title:** Bachelor of Fine Arts (Visual Arts)

**CRICOS code:** 040302K

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Aspro David Hawke

**Discipline coordinator:** Aspro David Hawke

**Course Structure**

**Studio Pathway**

**Year 1, Semester 1**

KVB702 Australian and Indigenous Art  
KVB740 Studio Art Practice 1 \*  
Creative Industries Core Unit

**Year 1, Semester 2**

KVB701 Modernism  
KVB741 Studio Art Practice 2\*  
Elective

**Year 2, Semester 1**

KVB742 Studio Art Practice 3  
KVB444 Contemporary Asian Visual Culture  
Creative Industries Core Unit

**Year 2, Semester 2**

KVB743 Studio Art Practice 4  
KVB703 Video Art And Culture  
Elective

**Year 3, Semester 1**

KVB744 Studio Project 1  
KVB712 Contemporary Art Issues  
Elective

**Year 3, Semester 2**

KVB745 Studio Project 2  
KVB704 Theories Of Spatial Culture  
Elective



**Note:** \*Designated units are compulsory units which result in the development of particular skills and abilities. A satisfactory level of performance in a designated unit is a grade of 3 or higher, or S - Satisfactory. This level of achievement is required for successful completion of this course. See Student Rules for more details. In addition to QUT units, arrangements exist for cross-institutional enrolments in Art History and Theory subjects offered by The University of Queensland. Contact Course Coordinator for details.

### Intermedia Pathway

#### Year 1, Semester 1

KVB740 Studio Art Practice 1\*  
KMB657 Music Production 1  
Creative Industries Core Unit

#### Year 1, Semester 2

KVB741 Studio Art Practice 2\*  
KMB658 Music Production 2  
KKB818 Introduction To Multimedia Technology

#### Year 2, Semester 1

KMB659 Music Production 3  
KMB621 Sound Recording And Acoustics  
Creative Industries Core Unit  
Elective

#### Year 2, Semester 2

KIB808 Media Technology 2  
KMB635 Sound Media Musicianship  
KMB660 Music Production 4  
KVB703 Video Art And Culture

#### Year 3, Semester 1

KMB661-1 Music Production 5  
KVB712 Contemporary Art Issues  
KIB809 Interaction Design

#### Year 3, Semester 2

KMB661-2 Music Production 5  
KMB638 Sound And Image  
Elective

**Note:** \*Designated units are compulsory units which result in the development of particular skills and abilities. A satisfactory level of performance in a designated unit is a grade of 3 or higher, or S - Satisfactory. This level of achievement is required for successful completion of this course. See Student Rules for more details. In addition to QUT units, arrangements exist for cross-institutional enrolments in Art History and Theory subjects offered by The University of Queensland. Contact Course Coordinator for details. Intermedia Students cannot count KKB818 as a Faculty Core Unit.

### List A: Creative Industries Core Units

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

### Visual Arts Electives

#### Semester 1 only

KVB755 Foundations of Drawing for Animation

#### Semester 2 only

KVB756 Foundations of Drawing For Animation 2  
KVB759 Visual Promotion

## ■ Bachelor of Journalism (KJ32)

**Award title:** Bachelor of Journalism

**CRICOS code:** 040293F

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Lee Duffield

**Discipline coordinator:** TBA

### Professional Recognition

Creative Industries' Journalism degrees are recognised by the Australian Journalists' Association section of the Media, Entertainment and Arts Alliance.

### Full-time Course Structure

#### Year 1, Semester 1

KJB101 Journalism Information Systems  
KJB120 Newswriting  
Creative Industries Core Unit - List A  
Elective\*

#### Year 1, Semester 2

KJB121 Journalistic Inquiry  
KCB213 Strategic Speech Communication  
KKB275 Creative Industries Legal Issues  
Creative Industries Core Unit - List A

#### Year 2, Semester 1

KPB155 Media Production  
KJB224 Feature Writing  
KJB239 Journalism Ethics And Issues  
Creative Industries Core Unit - List A

#### Year 2, Semester 2

KJB232 Radio And Television Journalism 1  
Creative Industries Core Unit - List A  
Elective\*  
Elective\*

#### Year 3, Semester 1

KJB322 Desktop Publishing And Editing  
KJB338 Radio And Television Journalism 2  
Elective\*  
Elective\*

#### Year 3, Semester 2

KJB303 News Production  
KJB337 Public Affairs Reporting  
Elective\*  
Elective\*

**Note:** \* Students must enrol in at least four electives outside of their discipline area.

### List A: Creative Industries Core Units

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

## ■ Bachelor of Music (KM32)

**Award title:** Bachelor of Music

**CRICOS code:** 022140F

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Steven Dillon

**Discipline coordinator:** Prof Andy Arthurs

### Course Structure

#### Performance

##### Year 1, Semester 1

KMB651 Music Performance 1  
KMB632 Core Musicianship 1  
KMB619 Music And Sound Technology  
Creative Industries Core Unit

##### Year 1, Semester 2

KMB652 Music Performance 2  
KMB633 Core Musicianship 2  
KMB621 Sound Recording And Acoustics  
Choose one from:

KMB648 The Music Scene  
KMB638 Sound And Image  
KMB667 Music and Spirituality  
KMB622 Multi-Instrumental Music A

##### Year 2, Semester 1

KMB653 Music Performance 3  
KMB630 Music Textures  
KMB637 Jazz And Popular Musicianship, or  
KMB636 Cross Cultural Musicianship

Choose one from:  
 KMB640 Sex Drugs Rock N Roll  
 KMB631 World Music  
 KMB616-1 Group Music  
 KMB618 Soundtracks For Film And Television  
 KMB623 Conducting  
 Creative Industries or other non-music elective

**Year 2, Semester 2**

KMB654 Music Performance 4  
 KMB635 Sound Media Musicianship, or  
 KMB634 Contemporary Art Music Musicianship

Creative Industries Core Unit

Choose one from:

KMB622 Multi-Instrumental Music A  
 KMB628 Multi-Instrumental Music B  
 KMB626 Music And Sound For Multimedia  
 KMB616-2 Group Music  
 KMB617 Arranging  
 KMB638 Sound And Image  
 KMB648 The Music Scene  
 KMB667 Music and Spirituality

Creative Industries or other non-music elective

**Year 3, Semester 1**

KMB655-1 Music Performance 5  
 Creative Industries or other non-music elective  
 Choose one from:

KMB618 Soundtracks For Film And Television  
 KMB631 World Music  
 KMB623 Conducting  
 KMB616-1 Group Music  
 KMB640 Sex Drugs Rock N Roll

**Year 3, Semester 2**

KMB655-2 Music Performance 5  
 Creative Industries or other non-music elective  
 Choose one from:

KMB617 Arranging  
 KMB056 The Music Industry  
 KMB648 The Music Scene  
 KMB638 Sound And Image  
 KMB626 Music And Sound For Multimedia  
 KMB667 Music and Spirituality  
 KMB616-2 Group Music  
 KKB057 Independent Study

Independent Study requires a GPA of 5 or higher.

**Note:** KMB619 Delivered in intensive mode prior to the start of semester.

In addition to the two Faculty Core units in semesters 1 and 4, students must pass a minimum of two and a maximum of four other non-music units offered by the Faculty of Creative Industries OR from any discipline or disciplines within QUT with the exception of Education.

**Production**

**Year 1, Semester 1**

KMB657 Music Production 1  
 KMB632 Core Musicianship 1  
 KMB619 Music And Sound Technology  
 Creative Industries Core Unit

**Year 1, Semester 2**

KMB658 Music Production 2  
 KMB633 Core Musicianship 2  
 KMB626 Music And Sound For Multimedia

Choose one from:

KMB648 The Music Scene  
 KMB638 Sound And Image  
 KMB667 Music and Spirituality

**Year 2, Semester 1**

KMB659 Music Production 3  
 KMB630 Music Textures  
 KMB637 Jazz And Popular Musicianship, or  
 KMB636 Cross Cultural Musicianship

Choose one from:

KMB631 World Music  
 KMB616-1 Group Music  
 KMB640 Sex Drugs Rock N Roll  
 KMB618 Soundtracks For Film And Television  
 KMB623 Conducting

Creative Industries or other non-music elective

**Year 2, Semester 2**

KMB660 Music Production 4  
 KMB635 Sound Media Musicianship, or

KMB634 Contemporary Art Music Musicianship  
 Creative Industries Core Unit

Choose one from:

KMB617 Arranging  
 KMB616-2 Group Music  
 KMB638 Sound And Image  
 KMB648 The Music Scene  
 KMB667 Music and Spirituality  
 Creative Industries or other non-music elective

**Year 3, Semester 1**

KMB661-1 Music Production 5  
 Creative Industries or other non-music elective  
 Choose one from:

KMB618 Soundtracks For Film And Television  
 KMB631 World Music  
 KMB640 Sex Drugs Rock N Roll  
 KMB616-1 Group Music  
 KMB623 Conducting

**Year 3, Semester 2**

KMB661-2 Music Production 5  
 Creative Industries or other non-music elective  
 Choose one from:

KMB616-2 Group Music  
 KMB056 The Music Industry  
 KMB648 The Music Scene  
 KKB057 Independent Study  
 KMB617 Arranging  
 KMB667 Music and Spirituality  
 KMB638 Sound And Image

**Note:** KMB619 Delivered in intensive mode prior to the start of semester 1.

In addition to the two Faculty Core units in semesters 1 and 4, students must pass a minimum of two and a maximum of four other non-music units offered by the Faculty of Creative Industries OR from any discipline or disciplines within QUT with the exception of Education.

**List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries  
 KKB018 Creative Industries  
 KKB418 Cultures and Creativity  
 KKB618 Writing For Creative Industries  
 KKB818 Introduction To Multimedia Technology

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

**■ Associate Degree (Dance) (KD15)**

**Award title:** Associate Degree (Dance)

**CRICOS code:** 018478C

**Location:** Kelvin Grove

**Course duration (full-time):** 2 Years

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Evan Jones

**Discipline coordinator:** Aspro Cheryl Stock

**Year 2, Semester 1**

KDX141 Performance 3  
 KDB182 Dance Technique Studies 3  
 KDX144-1 Choreographic Studies 2  
 Choose one of the following:

KDB172 World Dance  
 KSB011 Music Theatre Skills  
 Elective

**Year 2, Semester 2**

KDX142 Performance 4  
 KDB183 Dance Technique Studies 4  
 KDB221 Integrated Professional Skills  
 KDX144-2 Choreographic Studies 2  
 Choose one of the following:

KSB012 Music Theatre Project  
 KDB171 Theatre Dance Styles  
 Elective

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives list under KI32 Bachelor of Creative Industries (Communication Design).

## ■ Advanced Certificate in Dance Teaching (KD06)

**Award title:** Advanced Certificate in Dance Teaching

**Location:** External

**Course duration (external):** 1 year full-time (3 semesters); 2 years part-time

**Total credit points:** 96

**Course coordinator:** Ms Lesley Graham

**Discipline coordinator:** Aspro Cheryl Stock

### Course Structure

Students are required to complete eight units. Students should contact the Course Coordinator to discuss their enrolment program

### Full-time Students

Select three units from both First and Second semesters and both units in the Summer Program.

### Part-time Students

Select two units from both First and Second semesters and one or both units in the Summer Program.

#### First Semester

- KDB190 Professional Practice And Business Administration For Dance Teachers
- KDB191 Dance Teaching Methodologies
- KDB198 Safe Dance Practice

#### Second Semester

- KDB189 Dance Assessment And Reporting
- KDB190 Professional Practice And Business Administration For Dance Teachers
- KDB191 Dance Teaching Methodologies
- KDB192 Stagecraft And Costume Design For Dance
- KDB197 Dance Analysis And Dance Histories
- KDB198 Safe Dance Practice

#### Summer Program

(Full-time students select both units, part-time students select one or both units)

- KDB195 Dance Teaching Studies 1 (on-campus intensive in Brisbane)
- KDB196 Dance Teaching Studies 2 (on-campus intensive in Brisbane)

KDB190 Professional Practice And Business Administration For Dance Teachers

KDB191 Dance Teaching Methodologies

KDB197 Dance Analysis And Dance Histories

#### Summer Program

KDB195 Dance Teaching Studies 1 (intensive residency in Brisbane) (elective)

## ■ Certificate in Dance Teaching (KD05)

**Award title:** Certificate in Dance Teaching

**Location:** External

**Course duration (full-time):** 1 semester (by external study)

**Course duration (part-time):** 1 year (by external study)

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Ms Lesley Graham

**Discipline coordinator:** Aspro Cheryl Stock

### Course Structure

Students are required to complete four units - the core unit (KDB198) and 3 electives. Students should contact the Course Coordinator to discuss their enrolment program.

### Full-time Students

Select four units (one core (KDB198) and three electives) from either First or Second Semester.

### Part-time Students

Select four units (one core (KDB198) and three electives) across First or Second Semester. Students may choose to replace one elective with the summer residency.

#### First Semester

- KDB198 Safe Dance Practice
- KDB190 Professional Practice And Business Administration For Dance Teachers
- KDB191 Dance Teaching Methodologies

#### Second Semester

- KDB198 Safe Dance Practice
- KDB189 Dance Assessment And Reporting



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## Section Three – Course Information

# Education

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## OVERVIEW

QUT's Faculty of Education is the largest provider of teacher education in Australia with over 5000 students; over 2000 of which are in postgraduate courses.

The strong, practical theme in the faculty's courses provides a balance of theory and practical skills that ensures graduates are not limited by the employment opportunities provided by classroom teaching alone.

Based at the Kelvin Grove campus of QUT, the faculty comprises four schools. All courses meet national and international standards. Our continuing commitment to preservice teacher education is backed by a growing commitment to inservice teacher education and postgraduate programs, and an extension into allied professional and academic areas.

## SENIOR STAFF

### Faculty office

*Dean:* Professor Vi McLean, DipT *BKTC*, BEdSt *Qld*, MEd PhD *Arizona*

*Director, Academic Programs:* Dr I Macpherson, BA DipEd BEd MEdSt *Qld*, PhD *Penn St*, MACE

*Faculty Administration Manager:* B. Zebergs

### School of Cultural and Language Studies in Education

*Head:* Associate Professor J Brannock

*Professor:* N. Kyle, BA(Hons) PhD *N'cle*

*Associate Professors:*

P.A. McKay, BEd *SACAE*, MA *ASU*, PhD *Qld*

P. Singh, DipT *TCAE*, BEdSt(Hons) PhD *Qld*

S.C. Taylor, BSc(Hons) DipEd *Leic*, BEd(Hons) PhD *James Cook*

### School of Early Childhood

*Head:* C. Tayler, DipTeach BEd *MLCAE*, PhD *UWA*, FACE

*Associate Professors:*

S.K. Wright, BEd MEd *Alta*, PhD *Newcastle(NSW)*

### School of Learning & Professional Studies

*Head:* Professor: W. Patton, BEd *James Cook*, BA(Hons) PhD *Qld*

*Professor:* G.M. Boulton-Lewis, CertT *NSW*, MEd *Canberra CAE*, BA PhD *Qld*, FACE

*Associate Professors:*

R.R. Ballantyne, BA(Hons) UED MA *Natal*, PhD *CapeT*

B. Delahaye, BBus *QIT*, MBA *Qld*, PhD *Griff*, CMAHRI, AIMM

R.G. Elliott, BSc, BEd(Hons) PhD *Qld*

### School of Mathematics, Science and Technology Education

*Head:* Professor T.J. Cooper, BSc(Hons) DipEd PhD *Adel*

*Professors:*

L.D. English, DipT BEd MEd *KGCAE*, PhD *Qld*

C.J. McRobbie, BSc BEd *Qld*, MSc *Pacific*, PhD *Monash*, MACE, MRACI

education, support researchers with specialist skills and experiences, students, research assistants, and collaborators across fields of knowledge with potential to inform research in mathematics, science and technology education.

The goals of the Centre are:

- to promote a numerate, scientifically and technology literate society;
- to bring to the community the benefits of learning and research in mathematical, scientific, technological and related domains;
- to provide a focus for teaching, research, development, consultation and postgraduate courses in the areas relating to these domains.

### Centre for Innovation in Education

The Centre for Innovation in Education aims to conduct research in the following three focus areas of education:

- Pedagogy and Lifespan Learning
- Policy Development and Service Delivery
- Learning Organisations in Social Contexts.

These focus areas reflect both the research expertise and recent research achievements of members of the Centre and the broader focus of Faculty research, which has knowledge work as its unifying component.

The CIE aims to contribute to the overall goal of the Faculty to be in the top 10 Australian contributors to internationally recognised educational research, a leader in collaborative research with the education professions, and a nationally recognised innovator in research education.

## RESEARCH CENTRES

### Centre for Mathematics, Science and Technology Education

The Centre for Mathematics, Science and Technology Education is dedicated to developing excellence in mathematics and science education through research and the application of this research to graduate teaching and research training, consultancy, curriculum development and the production of educational resources.

The Centre draws upon staff who are experienced in pre-service, in-service, higher degree and continuing education courses, and in supervising theses in mathematics, science and technology

## ■ Doctor of Education (ED11)

**Award title:** Doctor of Education

**CRICOS code:** 015023C

**Location:** Kelvin Grove

**Course duration (part-time):** 3.5 years for holders of a relevant Masters degree part-time; 4.5 years without a relevant Masters part-time.

**Total credit points:** 288

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Susan Danby

### Entry Requirements

Applicants must possess a four-year education degree or its equivalent with first-class or second-class Honours division A or a masters degree in education or in a field relevant to the professional doctorate in education, AND two years practice in a position of professional responsibility in education or a closely related field.

### Course Structure

The degree consists of 288 credit points of which 72 credit points are coursework, followed by a thesis of 216 credit points. All coursework must be completed before work can commence on the thesis. For the unit Interdisciplinary Education Studies (a 24 credit point unit), students undertake a four-day, on-campus study school in January of their commencing year. Subsequently, in the second and third semesters of their enrolment, students attend two four-day study schools on campus (July and the following January) in which they work on the methodology and design of their thesis (each unit worth 24 credit points).

The thesis is undertaken in the Faculty's research centre. Students are expected to develop a high level of research skill and analysis and make an original contribution to knowledge and professional practice.

### Standard Course Structure

#### *Year 1, Semester 1*

EDR703 Interdisciplinary Education Studies (Advanced Seminars)

#### *Year 1, Semester 2*

EDR702/1 Thesis (Preparation)

#### *Year 2, Semester 1*

EDR702/2 Thesis (Preparation)

#### *Year 2, Semester 2*

EDR702/3 Thesis (Confirmation)

Confirmation must occur in the semester of enrolment in EDR702/3.

Students cannot progress to the next stage until they have successfully completed the Thesis Confirmation.

#### *Year 2, Summer Program*

EDR702/4 Thesis (Implementation)

#### *Year 3, Semester 1*

EDR702/5 Thesis (Implementation)

#### *Year 3, Semester 2*

EDR702/6 Thesis (Implementation)

#### *Year 3, Summer Program*

EDR702/7 Thesis (Implementation)

#### *Year 4, Semester 1*

EDR702/8 Thesis (Implementation)

#### *Year 4, Semester 2*

EDR702/9 Thesis (Submission)

## ■ Master of Education (ED13)

**Award title:** Master of Education

### Course discontinued

There is no intake into this course in 2005.

## ■ Master of Education (ED16)

**Award title:** Master of Education

**Location:** Kelvin Grove and External

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Donna Berthelsen

### Course discontinued

There is no intake into this course in 2005.

## ■ Master of Education (Research) (ED12)

**Award title:** Master of Education (Research)

**CRICOS code:** 002501G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Lyn English

### Entry Requirements

Applicants must possess a four-year education-related degree with a grade point average of at least 5 (on a 7-point scale) or equivalent, with demonstrated potential for further study and evidence of professional standing; OR a graduate diploma in an education-related field with a grade point average of at least 5 (on a 7-point scale) or equivalent, with a demonstrated potential for further study and evidence of professional standing; OR an honours degree in an education-related field with a minimum second class Honours division A or B.

Applicants who do not have professional experience in an education-related field would normally be expected to demonstrate their potential for further study with a grade point average of 6 or better.

Admission depends on matching student interests and background to an appropriate supervisor or a supervisory team with relevant expertise as ascertained through interview. A proposal is developed in this initial phase. Candidates who are required to undertake research methodology units as part of their study program should submit their application well before the next formal semester commences to ensure approval processes are finalised in time.

### Course Structure

The course consists of four stages: preparation, confirmation of candidature, implementation and submission of a thesis.

The preparation stage involves the acquisition of knowledge of a range of appropriate research methods, in-depth knowledge of the research method to be used in the study, and commencement of a literature search. During the preparation stage, students will complete the units Professional Applications of Research and Conducting Innovative Research in Educational Contexts. Students who have undertaken prior study of an equivalent nature may apply for an exemption from one or both of these units.

The confirmation of candidature stage includes the adoption of an appropriate research design for the proposed research, preparation of a research proposal including a draft review of the literature and research methods, and presentation and justification of the proposal to other students and academic staff at a confirmation of candidature seminar. The implementation involves execution of the research for the thesis. The submission stage is the completion and presentation of a thesis at a Final Oral seminar for approval by the final oral review panel, followed by production of the thesis in a suitable form for examination.

### Standard Full-time Course Structure

#### *First Semester of Study*

EDN611 Professional Applications of Research

IFN300 Masters Research

**Note:** Students must either undertake EDN611 before EDN612 or undertake them concurrently.

#### *Second Semester of Study*

EDN612 Conducting Innovative Research in Educational Contexts

IFN300 Masters Research

In instances where a candidate has exceeded the normal course duration and an extension of time has been approved students may enrol in:  
IFN101 Full-Time Masters Research (Extension)

### Standard Part-time Course Structure

#### First Semester of Study

EDN611 Professional Applications of Research

IFN302 Masters Research

**Note:** Students must either undertake EDN611 before EDN612 or undertake them concurrently.

#### Second Semester of Study

EDN612 Conducting Innovative Research in Educational Contexts

IFN302 Masters Research

#### Third Semester of Study

IFN200 Masters Research

#### Fourth Semester of Study

IFN200 Masters Research

In instances where a candidate has exceeded the normal course duration and an extension of time has been approved students may enrol in:

IFN201 Part-time Masters Research (extension)

## ■ Master of Education (Teaching English to Speakers of Other Languages - TESOL) (ED14)

**Award title:** Master of Education (TESOL)

**CRICOS code:** 002330K

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jane Crawford

### Entry Requirements

Applicants must possess an appropriate bachelor degree or equivalent at a standard acceptable to the Dean of the Faculty OR other qualifications acceptable to the Dean, which may include substantial work experience in TESOL or involvement in other relevant professional research activities AND at least one year's practical experience in some branch of education acceptable to the Dean.

Applicants who are non-native speakers of English must meet the University's English language proficiency entry requirements.

### Course Structure

Students in the Masters program are required to complete 96 credit points of study including the two compulsory units, Second Language Acquisition and Principles of Second Language Methodology, of 12 credit points each. Students then have the choice of pursuing one of two options:

Option 1: requires the completion of six elective units of 12 credit points each from the list of elective units below:

Second Language Curriculum Design Options

Directed Reading in Second Language Education

Language Assessment and Program Evaluation in TESOL

Personalised Language Development

Technology and Second Language Learning

Adult Literacy and Second Language Learners

Sociolinguistics

From Theory to Practice: Practical Applications in the TESOL Classroom

Grammar for Teachers

English Language Teaching Management

Functional Grammar and Discourse

Language and Culture

Research Methods in Second Language Education

Option 2: requires the completion of elective units and a 24 or 36 credit point research project to total 96 credit points.

Students must consult with the course coordinator to discuss their research topic and complete the appropriate forms before enrolling in research units.

### Graduate Certificate in Education (TESOL) - Exit Point

Following the successful completion of four Master of Education (TESOL) units comprising two core units and two electives, students may elect either to discontinue enrolment and graduate with a Graduate Certificate in Education (TESOL), or to pursue a further four units in order to complete the Master of Education (TESOL).

### Provisional Enrolment

Students who do not meet the entry requirements may be admitted on a provisional basis and be required to undertake preliminary coursework and reading as determined by the course coordinator. After satisfactory completion of the preliminary studies students may be admitted to full candidature.

### Full-time Course Structure

#### First semester of study

CLN608 Second Language Acquisition

CLN612 Principles Of Second Language Methodology

Elective unit

Elective unit

#### Second semester of study

Elective unit

Elective unit

Elective unit

Elective unit

### Part-time Course Structure

#### First semester of study

CLN608 Second Language Acquisition

CLN612 Principles Of Second Language Methodology

#### Second semester of study

Elective unit

Elective unit

#### Third semester of study

Elective unit

Elective unit

#### Fourth semester of study

Elective unit

Elective unit

### Elective units

#### Elective list

**Note:** a selection of these units will be offered each semester.

Some electives may be offered in Summer Program.

CLN613 Second Language Curriculum Design Options

CLN614 Research Methods And Second Language Education

CLN615 Directed Reading In Second Language Education

CLN616 Language Assessment And Program Evaluation In Tesol

CLN617 Personalised Language Development

CLN618 Technology And Second Language Learning

CLN619 Functional Grammar And Discourse

CLN620 Language And Culture

CLN640 Sociolinguistics

CLN641 From Theory To Practice -Practical Applications In The Tesol Classroom

CLN642 Grammar For Teachers

CLN643 English Language Teaching Management

CLB339 Adult Literacy And Second Language Learners

**Note:** Assessment for CLB339 is completed at Masters level.

Students must consult with the Course Coordinator to discuss their research topic and to complete the appropriate forms before enrolling in the following:

EDN603 Facilitated Study Unit

EDN608 Project

EDN620 Facilitated Study Unit

EDN611 Professional Applications of Research

EDN612 Conducting Innovative Research in Educational Contexts



## ■ Master of Learning Innovation [previously Master of Education] (ED09)

**Award title:** Master of Learning Innovation

**Location:** Kelvin Grove and External

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Course duration (external):** 1 year full-time or 2 years part-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** A/Prof John Lidstone

### Entry Requirements

An appropriate four-year bachelor degree or equivalent at a standard acceptable to the Dean of Faculty, or an appropriate three-year bachelor degree or equivalent at a standard acceptable to the Dean plus at least one year's appropriate professional or industrial experience. Students undertaking the MLI (Teacher-Librarianship) and the MLI (Early Childhood Teaching) study areas must be qualified teachers.

### Professional Recognition

The Teacher-Librarianship study area is undergoing accreditation by the Australian Library and Information Association (ALIA) and will appear on the parchment.

The Early Childhood Teaching Study Area is recognised as a specialist early childhood qualification and will appear on the parchment.

### Course Structure

Students will complete a program of study comprising the two core units and six electives as specified by the course rules and chosen to meet their personal and professional learning needs. In addition, there will be opportunities to complete specialised study in Teacher-Librarianship or Early Childhood Teaching as Study Area A options or a range of Study Area B options.

Graduate Certificate in Education

Students have the option of entering the MLI via the Graduate Certificate in Education or exiting with the award of a Graduate Certificate in Education once they have completed four units.

#### Research Options

To complement the core unit, Professional Applications of Research, the MLI offers a suite of research options which includes:

- a second research methodology unit Conducting Innovative Research in Educational Contexts
- three Facilitated Study Units (FSUs), worth 12, 24 and 36 credit points, equal to one, two or three units respectively
- two Thesis Units, worth 36 and 48 credit points, equal to three and four units respectively.

The Facilitated Study Units are designed to accommodate a breadth of interests and will permit students to make use of existing research to explore a topic of their choice. It is anticipated that a cohort of students undertaking an FSU may meet regularly with a mentor who will guide them in their work. This will culminate in the presentation of a piece of scholarly writing on the chosen topic varying in length from 5000 words for the 12 credit point FSU to 15000 for the 36 credit point FSU.

The 36 and 48 credit point Thesis Units are available to those students who wish to conduct research with an individual supervisor. Conducting Innovative Research in Educational Context is a prerequisite for the thesis units.

The Research Units will be of particular interest to students intending to undertake further research in the Doctor of Education or Doctor of Philosophy programs.

## MLI Full Course Structures

### Course Core Units

EDN610 The Learning Innovator

EDN611 Professional Applications of Research

### Research Units

EDN602 Advanced Seminars

EDN603 Facilitated Study Unit

EDN604-1 Facilitated Study Unit 1/2

EDN605-1 Facilitated Study Unit 1/3

EDN613-1 Thesis 1/3

EDN614-1 Thesis 1/4

### Elective Units

CLN601 Cyberlearning: Information & Knowledge in the Digital Age

CLN602 Diversity and Multiliteracies

CLN603 Designing Spaces for Learning

CLN604 Globalisation and Educational Change

CLN644 Literacy Development: The Early and Middle Years

CLN645 Studies of Asia: New Pedagogies

CLN646 The Knowledge Hub: Information Services for Dynamic Learning

CLN647 Youth, Popular Culture, and Texts

CLN648 Indigenous Knowledge: Issues in Education

CLN649 Gender and Power: An International Analysis

EAN601 Investigating Curriculum and Pedagogy in Early Childhood

EAN603 Child Development in Context

EAN604 Children, Families And Communities

EAN608 Constructions Of Childhood And Early Education

EAN614 Arts and Sciences in Early Childhood

EAN615 Mathematics in Early Childhood

EAN616 Language, Literacies and Communication in Early Childhood

EDN612 Conducting Innovative Research in Educational Contexts

EDN626 Learning And Teaching In Higher Education

EDN627 Contexts And Issues In Higher Education

EDN629 Presentation And Delivery Modes In Higher Education

EDN630 Higher Education: Curriculum Design, Assessment And Evaluation

EDN635 Practicum in Early Childhood

MDN638 Trends in Learning of the Sciences

MDN639 Pedagogies in Learning of the Sciences

MDN640 Managing Innovations in Teaching of the Sciences

MDN641 Understanding Mathematics and Science in Educational Contexts

MDN642 Digital Pedagogies

MDN643 Advanced Learning Networks

ITN275 Information Organisation

SPB006 Educational Counselling

SPN610 Advanced Educational Counselling

SPN611 Educational Counselling Professional Practice

SPN612 Psychoeducational Assessment

SPN613 Learners with Special Needs: Programming for Inclusive Education

SPN614 Teaching Students with Learning Difficulties/Disabilities

SPN615 Managing Learners with Disabilities and Challenging Behaviours in the Classroom

SPN616 Innovations in Programs and Planning for Behaviour Management

SPN617 Foundations of Behaviour and Classroom Management

SPN618 Innovative Career Development Program

SPN619 Constructing Career Theory

SPN620 Career Counselling

SPN622 Preventive Legal Risk Management in Learning contexts

SPN624 Adult and Professional Learning

SPN625 Changing Agendas in Leadership

SPN626 Leading and Managing People

SPN627 Policy Development and Analysis

SPN628 Leadership For Change

SPN629 Current Issues In Leadership

SPN633 Critical Frameworks For Analysing The Middle Years of Schooling

SPN634 Rethinking Programs And Pedagogies: The Middle Years Of Schooling

SPN635 Assessment And Reporting In The Middle Years Of Schooling

SPN637 Managing Knowledge in Learning Organisations

SPN638 Education Law

### Master of Learning Innovation (Teacher-Librarianship)

CLN646 The Knowledge Hub: Information Services for Dynamic Learning

EDN611 Professional Applications of Research

CLN647	Youth, Popular Culture, and Texts
CLN601	Cyberlearning: Information & Knowledge in the Digital Age
CLN603	Designing Spaces for Learning
ITN275	Information Organisation
PLUS 2 Elective Units from the MLI	

**Master of Learning Innovation (Early Childhood Teaching)**

EDN610	The Learning Innovator
EDN611	Professional Applications of Research
EAN614	Arts and Sciences in Early Childhood
EAN615	Mathematics in Early Childhood
EAN603	Child Development in Context
EAN601	Investigating Curriculum and Pedagogy in Early Childhood
EAN616	Language, Literacies and Communication in Early Childhood
EDN635	Practicum in Early Childhood

**Master of Learning Innovation (Teacher-Librarianship)**

CLN646	The Knowledge Hub: Information Services for Dynamic Learning
EDN611	Professional Applications of Research
CLN647	Youth, Popular Culture, and Texts
CLN601	Cyberlearning: Information & Knowledge in the Digital Age
CLN603	Designing Spaces for Learning
ITN275	Information Organisation
PLUS 2 Elective Units from the MLI	

**Elective Units**

CLN601	Cyberlearning: Information & Knowledge in the Digital Age
CLN602	Diversity and Multiliteracies
CLN603	Designing Spaces for Learning
CLN604	Globalisation and Educational Change
CLN644	Literacy Development: The Early and Middle Years
CLN645	Studies of Asia: New Pedagogies
CLN646	The Knowledge Hub: Information Services for Dynamic Learning

CLN647	Youth, Popular Culture, and Texts
CLN648	Indigenous Knowledge: Issues in Education
CLN649	Gender and Power: An International Analysis
EAN601	Investigating Curriculum and Pedagogy in Early Childhood
EAN603	Child Development in Context
EAN604	Children, Families And Communities
EAN608	Constructions Of Childhood And Early Education
EAN614	Arts and Sciences in Early Childhood
EAN615	Mathematics in Early Childhood
EAN616	Language, Literacies and Communication in Early Childhood
EDN612	Conducting Innovative Research in Educational Contexts
EDN626	Learning And Teaching In Higher Education
EDN627	Contexts And Issues In Higher Education
EDN629	Presentation And Delivery Modes In Higher Education
EDN630	Higher Education: Curriculum Design, Assessment And Evaluation

EDN635	Practicum in Early Childhood
MDN638	Trends in Learning of the Sciences
MDN639	Pedagogies in Learning of the Sciences
MDN640	Managing Innovations in Teaching of the Sciences
MDN641	Understanding Mathematics and Science in Educational Contexts

MDN642	Digital Pedagogies
MDN643	Advanced Learning Networks
ITN275	Information Organisation
SPB006	Educational Counselling
SPN610	Advanced Educational Counselling
SPN611	Educational Counselling Professional Practice
SPN612	Psychoeducational Assessment
SPN613	Learners with Special Needs: Programming for Inclusive Education

SPN614	Teaching Students with Learning Difficulties/Disabilities
SPN615	Managing Learners with Disabilities & Challenging Behaviours

SPN616	Innovations in Programs & Planning for Behaviour Management
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SPN617	Foundations of Behaviour & Classroom Management
SPN618	Innovative Career Development Programs
SPN619	Constructing Career Theory
SPN620	Career Counselling
SPN622	Preventive Legal Risk Management in Learning Contexts
SPN624	Adult & Professional Learning
SPN625	Changing Agendas in Leadership
SPN626	Leading and Managing People
SPN627	Policy Development and Analysis
SPN628	Leadership For Change
SPN629	Current Issues In Leadership

SPN633	Critical Frameworks For Analysing The Middle Years of Schooling
SPN634	Rethinking Programs And Pedagogies: The Middle Years Of Schooling
SPN635	Assessment And Reporting In The Middle Years Of Schooling
SPN637	Managing Knowledge in Learning Organisations
SPN638	Education Law

**Master of Learning Innovation (Early Childhood Teaching)**

**Course Core Units**

EDN610	The Learning Innovator
EDN611	Professional Applications of Research
EAN614	Arts and Sciences in Early Childhood
EAN615	Mathematics in Early Childhood
EAN603	Child Development in Context
EAN601	Investigating Pedagogy and Curriculum in Early Childhood
EAN616	Language, Literacies and Communication in Early Childhood
EDN635	Practicum in Early Childhood

**■ Graduate Diploma in Education (Early Childhood) - Refer to Master of Learning Innovation (Early Childhood Teaching) (ED20)**

**Award title:** Graduate Diploma in Education (Early Childhood)

**CRICOS code:** Not required

**Location:** Kelvin Grove and External

**Course duration (external):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr Ann Farrell

**Course discontinued**

There is no intake into this course in 2005.

**■ Graduate Diploma in Education (Educational Management) (ED23)**

**Award title:** Graduate Diploma in Education (Educational Management)

**Location:** Kelvin Grove and External

**Total credit points:** 96

**Course coordinator:** Dr Neil Cranston

**Course discontinued**

There is no intake into this course in 2005.

**■ Graduate Diploma in Education (Learning Support) (ED28)- Refer to Master of Learning Innovation**

**Award title:** Graduate Diploma in Education (Learning Support)

**CRICOS code:** Not required

**Location:** Kelvin Grove and External

**Course duration (external):** 1 year full-time or 2 years part-time

**Total credit points:** 96

**Course coordinator:** Dr Ruth Fielding-Barnsley

**Course discontinued**

There is no intake into this course in 2005.

**Course Structure**

**Year 1, Semester 1**

SPP500	Learners With Special Needs
SPP504	Curriculum: Learners With Special Needs
SPP502	Programming For Students With Learning Difficulties/disabilities
AND EITHER	
SPB009	Research Methods in Education
OR	
SPN612	Psychoeducational Assessment

**Year 1, Semester 2**

CLP501	Socio-Cultural Issues In Education
SPP501	Consultation And Communication
SPP503	Literacy And Learning
MDP529	Assessment and Intervention in Mathematics

## ■ Graduate Diploma in Education (Teacher-Librarianship) (ED25)- Refer to Master of Learning Innovation (Teacher-Librarianship)

**Award title:** Graduate Diploma in Education (Teacher Librarianship)

**CRICOS code:** Not required

**Location:** Kelvin Grove and External

**Course duration (external):** 1 year full-time or 2 years part-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Kerry Mallan

### Course discontinued

There is no intake into this course in 2005.

## ■ Graduate Certificate in Education (ED61)

**Award title:** Graduate Certificate in Education (Study Area A)

**CRICOS code:** Not required

**Location:** Kelvin Grove and External

**Course duration (full-time):** 1 semester (subject to unit availability)

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Mr Alan Roberts

### Entry Requirements

An appropriate four-year bachelor degree or equivalent at a standard acceptable to the Dean of Faculty, OR an appropriate three-year bachelor degree or equivalent at a standard acceptable to the Dean plus at least one year's appropriate professional or industrial experience.

### Course Structure

The Graduate Certificate in Education course consists of 48 credit points of study from a postgraduate course within the Faculty of Education deemed by the Dean of the Faculty to form a coherent program of study. Units can be presented in internal, external or block mode (where students are required to attend campus for up to five days normally during the January or July school holiday period). In some instances units can be completed in a modularised form which allows students to complete the assessment on a credit point basis.

The areas of interest include adult learning and knowledge management, autistic spectrum disorder, behaviour management, career guidance, early childhood teaching, educational counselling, executive leadership, higher education, information and communication technology, leadership and management, learning futures, learning support and inclusive education, marine studies (advanced), mathematics education (advanced), middle years of schooling, mathematics education, science education.

### Adult Learning and Knowledge Management

SPN623	Strategic Workplace Education and the Learning Organisation
SPN624	Adult and Professional Learning
EDN603	Facilitated Study Unit
SPN637	Managing Knowledge in Learning Organisations
SPN628	Leadership For Change
SPN629	Current Issues In Leadership
SPN622	Preventive Legal Risk Management in Learning contexts
SPN618	Innovative Career Development Program

### Autistic Spectrum Disorder

Module 1: Introduction to Autistic Spectrum Disorder  
Module 2: Behaviour Management for Autistic Spectrum Disorder

EDN603	Facilitated Study Unit
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SPN615	Managing Learners with Disabilities and Challenging Behaviours
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### Behaviour Management

SPN615	Managing Learners with Disabilities and Challenging Behaviour
SPN616	Innovations in Programs and Planning for Behaviour Management
SPN617	Foundations of Behaviour and Classroom Management
EDN603	Facilitated Study Unit

### Career Guidance

SPB006	Educational Counselling
SPN610	Advanced Educational Counselling
SPN618	Innovative Career Development Program
SPN619	Constructing Career Theory
SPN620	Career Counselling

### Early Childhood

EAN601	Investigating Curriculum and Pedagogy in Early Childhood
EAN603	Child Development in Context
EAN616	Language, Literacies and Communication in Early Childhood and one of:
EAN615	Mathematics in Early Childhood
EAN614	Arts and Sciences in Early Childhood
	or:-
EDN635	Practicum in Early Childhood

### Educational Counselling

SPB006	Educational Counselling
SPN610	Advanced Educational Counselling
SPN611	Educational Counselling Professional Practice
SPN618	Innovative Career Development Program

### Education Law

SPN638	Education Law
SPN622	Preventive Legal Risk Management in Learning contexts
SPN625	Changing Agendas in Leadership
SPN626	Leading and Managing People
SPN627	Policy Development and Analysis
SPN628	Leadership For Change
SPN629	Current Issues In Leadership
LWN119	Employment Law
LWN030	Dispute Resolution/mediation
EDN603	Facilitated Study Unit

### Executive Leadership

SPN625	Changing Agendas in Leadership
EDN602	Advanced Seminars
	Unit 3 may be selected from the Master of Learning Innovation or from any other Masters level unit at QUT, subject to course coordinator approval.
	Unit 4 may be selected from an appropriate Masters level unit from any QUT faculty, subject to course coordinator approval OR a Facilitated Study Unit - to be discussed with the Area of Interest Coordinator
	Entry available in November 2004

### Higher Education

EDN626	Learning And Teaching In Higher Education
EDN627	Contexts And Issues In Higher Education
EDN629	Presentation And Delivery Modes In Higher Education
EDN630	Higher Education: Curriculum Design, Assessment And Evaluation

### Information and Communication Technology

MDN642	Digital Pedagogies
MDN643	Advanced Learning Networks
CLN601	Cyberlearning: Information & Knowledge in the Digital Age
CLN603	Designing Spaces for Learning
EDN603	Facilitated Study Unit

### Leadership and Management

SPN625	Changing Agendas in Leadership
SPN626	Leading and Managing People
SPN627	Policy Development and Analysis
SPN629	Current Issues In Leadership
SPN628	Leadership For Change
EDN603	Facilitated Study Unit
	Students will undertake the core unit SPN625 and a further 36 cps from the remaining units on offer.

## Learning Futures

- CLN646 The Knowledge Hub: Information Services for Dynamic Learning  
CLN647 Youth, Popular Culture, and Texts  
CLN601 Cyberlearning: Information & Knowledge in the Digital Age  
CLN603 Designing Spaces for Learning

## Learning Support and Inclusive Education

- SPN613 Learners with Special Needs: Programming for Inclusive Education  
SPN615 Managing Learners with Disabilities and Challenging Behaviours  
SPN612 Psychoeducational Assessment  
SPN614 Teaching Students with Learning Difficulties/Disabilities  
EDN603 Facilitated Study Unit

## Marine Studies (Advanced)

- MDB395 Marine Studies Curriculum  
MDN640 Managing Innovations in Teaching of the Sciences  
EDN603 Facilitated Study Unit  
An additional 12 credit points are awarded for specified assessment and vocational qualifications.

## Mathematics Education

- MDB021 Mathematics Curriculum Studies 1  
MDB411 Early Childhood Mathematics Teaching, Learning And Assessment  
MDP529 Assessment and Intervention in Mathematics  
EDN603 Facilitated Study Unit  
EDB442 Integrated Professional Studies  
MDB453 Middle School Mathematics Education

## Mathematics Education (Advanced)

- MDN638 Trends in Learning of the Sciences  
MDN639 Pedagogies in Learning of the Sciences  
MDN640 Managing Innovations in Teaching of the Sciences  
MDN641 Understanding Mathematics and Science in Educational Contexts  
EDN603 Facilitated Study Unit

## Middle Years of Schooling

- Entry available in November 2004  
SPN633 Critical Frameworks For Analysing The Middle Years of Schooling  
SPN634 Rethinking Programs And Pedagogies: The Middle Years Of Schooling  
SPN635 Assessment And Reporting In The Middle Years Of Schooling  
EDN603 Facilitated Study Unit  
MDN642 Digital Pedagogies

## Science Education

- MDN638 Trends in Learning of the Sciences  
MDN639 Pedagogies in Learning of the Sciences  
MDN640 Managing Innovations in Teaching of the Sciences  
MDN641 Understanding Mathematics and Science in Educational Contexts  
EDN603 Facilitated Study Unit

## ■ Graduate Certificate in Education (Teaching English to Speakers of Other Languages - TESOL) (ED77)

**Award title:** Graduate Certificate in Education (TESOL)

**CRICOS code:** 014019G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Jane Crawford

## Entry Requirements

Applicants must possess an appropriate bachelor degree or equivalent at a standard acceptable to the Dean of the Faculty OR other qualifications acceptable to the Dean, which may include substantial work experience in TESOL or involvement in other

relevant professional research activities AND at least one year's practical experience in some branch of education acceptable to the Dean.

Applicants who are non-native speakers of English must meet the University's English language proficiency entry requirements.

## Course Structure

The Graduate Certificate in Education (TESOL) consists of four units taken from the Master of Education (TESOL) course. Students are required to complete the two core units Second Language Acquisition and Principles of Second Language Methodology and two electives.

## Full-time Course Structure

### First semester of study

Students enrol in two core units:

- CLN608 Second Language Acquisition  
CLN612 Principles Of Second Language Methodology  
and choose two electives from the list of elective units.  
Elective unit  
Elective unit

## Part-time Course Structure

### First semester of study

Students enrol in the two core units:

- CLN608 Second Language Acquisition  
CLN612 Principles Of Second Language Methodology

### Second semester of study

and choose two electives from the list of elective units.

Elective unit  
Elective unit

## Elective Units

### Elective List

Note, a selection of these units will be offered each semester. Some electives may be offered in Summer Program.

- CLN613 Second Language Curriculum Design Options  
CLN615 Directed Reading In Second Language Education  
CLN616 Language Assessment And Program Evaluation In Tesol  
CLN617 Personalised Language Development  
CLN618 Technology And Second Language Learning  
CLB339 Adult Literacy And Second Language Learners  
NOTE Assessment for CLB339 is completed at Masters level.  
CLN640 Sociolinguistics  
CLN641 From Theory To Practice -Practical Applications In The Tesol Classroom  
CLN642 Grammar For Teachers  
CLN643 English Language Teaching Management  
CLN619 Functional Grammar And Discourse  
CLN620 Language And Culture  
CLN614 Research Methods And Second Language Education

## ■ Bachelor of Adult and Community Learning (ED84)

**Award title:** Bachelor of Adult and Community Learning

**CRICOS code:** To be advised

**Location:** Kelvin Grove and External

**Course duration (full-time):** 2 years

**Course duration (part-time):** 4 years

**Course duration (external):** 2 to 4 years

## Professional Recognition

Graduates of the Bachelor of Adult and Community Learning will be eligible for membership with the Australian Institute of Management (AIM).

## Professional Projects and Experience Requirement

Students will be required to undertake professional projects and experience in a negotiated workplace or community placement site. Potential foci for professional projects may include teaching and training; leadership and management; curriculum development and instructional design (including e-learning); policy work; consultancy; Indigenous education; research and community partnership development.

### Course Structure

The Bachelor of Adult and Community Learning is a four-year undergraduate degree program. On entry students are granted 192 credit points or two years credit as recognition of prior knowledge, experience and skills. The remaining two years full-time or four years part-time focuses on adult and community learning.

The development of a professional portfolio throughout the degree enables students to individualise their own program to suit their professional development needs.

#### Year 1, Semester 1

EDB101	Professional Foundations for Learning Facilitation 1
SPB100	Introduction to Adult Learning and Development
SPB101	Getting to Know Great Thinkers in Adult Education
SPB102	Professional Communication in Adult Learning Contexts

#### Year 1, Semester 2

EDB102	Professional Foundations for Learning Facilitation 2
SPB103	Program Design, Assessment, Reporting and Evaluation
SPB104	Practitioner Research and Inquiry
	Elective

#### Year 2, Semester 1

EDB103	Adult and Community Learning: Professional Project 1
SPB105	Politics of Diversity and Identity
SPB106	Managing Learning Outcomes
	Elective

#### Year 2, Semester 2

EDB104	Adult and Community Learning: Professional Project 2
SPB107	Knowledge Management and Learning Partnerships
SPB108	Career Development and Professional Futures
	Elective

### ■ Bachelor of Early Childhood (ED83)

**Award title:** Bachelor of Early Childhood

**CRICOS code:** Not required

**Location:** External

**Course duration (external):** 3 years

**Total credit points:** 288

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Julie Davis

#### Professional Recognition

The Bachelor of Early Childhood is accredited by the Department of Families, Youth and Community Care for employment in the area of child care. Graduates of the Bachelor of Early Childhood are not eligible for registration with the Queensland Board of Teacher Registration.

#### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

#### Part-time Course Structure

##### Year 1, Semester 1

MDB440	Computers And Education
EAB364	Academic And Professional Communication

##### Year 1, Semester 2

EAB011	Early Childhood Curriculum: Arts 1
EAB013	Early Childhood Society, Environment and Health Education

##### Year 2, Semester 1

EAB014	Early Childhood Mathematics Education
EAB008	Early Childhood Language and Literacies and Communication 1

##### Year 2, Semester 2

EAB005	Inclusion in Early Childhood Education
EAB006	Leadership and Management in Early Childhood Services

##### Year 3, Semester 1

EAB004	Development and Learning Early Childhood 2
EDB011	Early Childhood Field Studies 1: Development and Learning in the Field

##### Year 3, Semester 2

EAB017	Integrated Early Childhood Curriculum
EAB020	Action Research in Early Childhood Education

### ■ Bachelor of Early Childhood Studies (ED82)

**Award title:** Bachelor of Early Childhood Studies

**CRICOS code:** 020305F

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Julie Davis

#### Professional Recognition

The Bachelor of Early Childhood Studies is accredited by the Department of Families, Youth and Community Care for employment in the area of child care. Graduates are not eligible for teacher registration in Queensland.

#### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

#### Course Structure

##### Year 1, Semester 1

EDB006	Learning Networks
EAB364	Academic And Professional Communication
EAB008	Early Childhood Language and Literacies and Communication 1
EAB001	Early Childhood Foundations 1: Historical and Comparative Perspectives of Early Childhood Education

##### Year 1, Semester 2

EAB003	Development and Learning in Early Childhood 1
EAB011	Early Childhood Curriculum: Arts 1
EDB016	Early Childhood Practicum (Child Care)
EAB002	Early Childhood Foundations 2: Childhood and Family Studies

##### Year 2, Semester 1

EAB004	Development and Learning Early Childhood 2
EDB011	Early Childhood Field Studies 1: Development and Learning in the Field
EAB014	Early Childhood Mathematics Education
EAB013	Early Childhood Society, Environment and Health Education

##### Year 2, Semester 2

EAB021	Early Childhood Health and Nutrition
EAB009	Early Childhood Language and Literacies and Communication 2
EAB006	Leadership and Management in Early Childhood Services Pathway Unit

##### Year 3, Semester 1

EAB005	Inclusion in early childhood settings
EDB013	Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
EAB012	Early Childhood Curriculum: Arts 2
EAB019	Programs for Infants and Toddlers (0-3 Years)

##### Year 3, Semester 2

EAB017	Integrated Early Childhood Curriculum
EAB007	Working with Parents and Other Adults in Early Childhood Education and Care Services
EAB020	Action Research in Early Childhood Education Pathway Unit

#### List 1 : Pathway Studies Electives

Students will take 2 pathway units, one in year 2, semester 2 and one in year 3, semester 2.

The two pathway units should be taken from the same area.

##### Early Childhood Mathematics, Science and ICT Education

EAB022	Early Childhood Science Education
EAB023	Early Childhood Mathematics Education
EAB024	Sociology of Early Childhood Mathematics Education
EAB422	Information and Communication Technologies and the Young Child

##### Integrating Arts Curriculum

EAB416	Early Childhood Art Education
EAB361	Storytelling In Early Childhood
EAB363	Creating Curriculum With Young Children
EAB423	Museums: Places Of Learning

### **Studies in Inclusive Education**

CLB049	The Global Teacher
CLB045	Becoming a Second Language User
CLB347	Teaching English as an Additional Language
CLB401	Cultural Diversity And Education
CLB403	Gender And Sexuality Issues For Teachers
MDB030	Understanding and Education Gifted Learners
SPB003	Teaching Children with Low Incidence Disabilities and Health Problems
SPB004	Teaching Students with Learning Difficulties
SPB007	Human Sexuality and Learning

### **Studies in Indigenous Education**

CLB402	Issues In Indigenous Education
HHB255	Indigenous Politics And Political Culture
HHB276	Indigenous Research, Ethics and Protocol
KKB701	Indigenous Australian Writing (offering to be confirmed)

### **Managing Learners and Learning**

SPB004	Teaching Students with Learning Difficulties
SPB006	Educational Counselling
SPB010	Education, Law and the Beginning Teacher
SPB012	Classroom and Behaviour Management
SPB017	Classroom Management: Models And Practice
SPB018	Teaching Strategies

### **Literature and Media Studies**

CLB441	Children's Literature
CLB452	Media Literacy And The School
CLB050	Popular Culture and Future Literacies
EAB361	Storytelling In Early Childhood

### **Investigating Mathematics**

MDB347	Excursions In Number
MDB388	Numeracy in Games of Skill and Chance
MDB396	Excursions In Geometry
MDB021	Mathematics Curriculum Studies 1
MDB529	Diagnostic Assessment & Remedial Intervention in Mathematics
EAB023	Early Childhood Mathematics Education

### **Exploring Science**

MDB389	Life And Living Processes
MDB390	Natural And Processed Materials
MDB391	Earth And Space
MDB454	Science, Technology and Society
EAB022	Early Childhood Science Education

### **Information and Communication Technologies**

MDB392	Educational Computing Environments
MDB393	Networked Communities
MDB397	Digital Media in Education
EAB422	Information and Communication Technologies and the Young Child

### **Studies of Society and Environment**

CLB049	The Global Teacher
CLB371	Knowing Your Environment: From Global Issues to Local Action
CLB372	Sustainable Consumption: From Coca-Cola to the Community Co-op
CLB373	Environmental Futures Australia and the Asia Pacific
CLB375	Exploring Outdoors; Education in the Environment
EAB423	Museums: Places Of Learning

### **Health and Physical Education**

HMB376	Motor Development in Children
HMB333	Child and Adolescent Health
HMB171	Fitness Health and Wellness
HMB315	Performance Skills 2
SPB007	Human Sexuality and Learning

### **THE ARTS**

Two units from the Creative Industries discipline areas of: Music, Visual Arts, Drama and Dance or from the Integrated Arts Curriculum area listed above.

Students must satisfy any specific entry requirements for Arts units.

#### **DANCE**

KDB117	Dance in Education
KDB125	Deconstructing Dance In History
KDB106	Dance Analysis
KDB176	Popular Dance Styles
KDB114	Australian Dance

#### **DRAMA**

KTB208	Elements of Drama
KTB214	Process Drama
KTB251	20th Century Performance
KTB253	Staging Australia

KSB259	The Performance Instrument: Body and Voice
KTB252	The Sound of Theatre

### **MUSIC**

KMB649	Introductory Musicianship
KMB619	Music And Sound Technology
KMB650	Introductory Ensemble
KMB631	World Music
KMB621	Sound Recording And Acoustics
KMB640	Sex Drugs Rock N Roll
KMB638	Sound And Image

### **VISUAL ARTS**

KVB447	Drawing
KVB507	Painting
KVB457	Sculpture
KVB503	Clay Materials
KVB509	Photomedia and Artistic Practice
KVB702	Australian and Indigenous Art

## **■ Bachelor of Education (Adult and Workplace Education) (ED54)**

**Award title:** Bachelor of Education

**CRICOS code:** 046302F

**Location:** Kelvin Grove and External

**Course duration (full-time):** 2 Years

**Course duration (part-time):** 4 Years

**Course duration (external):** 2 Years Full-time, 4 Years Part-time

**Total credit points:** 384 (192 granted on entry)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Ms Patricia Ward

### **Entry Requirements**

Applicants must have:

- a diploma/associate diploma and two years work experience in an area appropriate to that qualification; or

- a trade certificate, Registered General or Enrolled Nurse certificate (or equivalent), and 10 years related industry experience; or

- completed the equivalent of two years of full-time bachelor-degree study in a discipline area relevant to the career path being pursued.

### **Course Structure**

The course consists of nine core units in areas such as effective adult teaching and learning strategies, knowledge capital management and sociology and psychology of adult education. Students may also choose three elective units in areas such as business communication, learning support, adult literacy and vocational education and training. Students will complete four field experience units in an adult or workplace setting of their choice.

### **Full-time Course Structure**

#### **Semester 1**

SPB026	Adult Education In The Workplace And Community
EDB400-1	Field Experience 1 (Stage 1)
EDB401-1	Field Experience 2 (Stage 1)
SPB027	Orientation to Adult and Workplace Programs
SPB029	Instructional Strategies for Adult and Workplace Education

#### **Semester 2**

CLB304	Context Of Adult And Workplace Education
SPB028	The Group in Adult and Workplace Education
SPB023	Adult Learning and Development
EDB400-2	Field Experience 1 (Stage 2)
EDB401-2	Field Experience 2 (Stage 2)

#### **Semester 3**

EDB402	Field Experience 3
SPB030	Programming in Adult and Workplace Education
SPB034	Organisation and Administration of Adult and Workplace Education
	Education Studies Elective

#### **Semester 4**

	Education Studies Elective
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	Curriculum Studies Elective
SPB025	The Individual in Adult and Workplace Education
EDB403	Field Experience 4

### Part-time Course Structure

#### Year 1, Semester 1

SPB027	Orientation to Adult and Workplace Programs
SPB026	Adult Education In The Workplace And Community

#### Year 1, Semester 2

SPB029	Instructional Strategies for Adult and Workplace Education
CLB304	Context Of Adult And Workplace Education

#### Year 2, Semester 1

SPB028	The Group in Adult and Workplace Education
EDB400-1	Field Experience 1 (Stage 1)
EDB401-1	Field Experience 2 (Stage 1)

#### Year 2, Semester 2

EDB400-2	Field Experience 1 (Stage 2)
EDB401-2	Field Experience 2 (Stage 2)
SPB023	Adult Learning and Development

#### Year 3, Semester 1

SPB030	Programming in Adult and Workplace Education
SPB034	Organisation and Administration of Adult and Workplace Education

#### Year 3, Semester 2

SPB025	The Individual in Adult and Workplace Education
EDB402	Field Experience 3

#### Year 4, Semester 1

	Education Studies Elective Unit
	Curriculum Studies Elective Unit

#### Year 4, Semester 2

EDB403	Field Experience 4
	Education Studies Elective Unit

## ■ Bachelor of Education (Early Childhood) (ED92)

**Award title:** Bachelor of Education (Early Childhood)

**CRICOS code:** 000783G

**Location:** Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Kerryann Walsh

### Professional Recognition

The Bachelor of Education (Early Childhood) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Early Childhood specialisations are also accredited by the Department of Families, Youth and Community Care for employment in child care.

### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience. Applicants for registration as a teacher in Queensland are also subject to national criminal history checks.

### Research Pathway

Students may be invited to undertake the Research Pathway Option which is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career.

### Course Structure

#### Year 1, Semester 1

EDB006	Learning Networks
EDB001	Teaching and Learning Studies 1: Teaching in New Times
EAB008	Early Childhood Language and Literacies and Communication 1
EAB001	Early Childhood Foundations 1: Historical and Comparative Perspectives of Early Childhood Education

#### Year 1, Semester 2

EDB007	Culture Studies: Indigenous Education
EAB003	Development and Learning in Early Childhood 1
EAB011	Early Childhood Curriculum: Arts 1

EAB002	Early Childhood Foundations 2: Families and Childhoods in Early Childhood Education and Care
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#### Year 2, Semester 1

EAB004	Development and Learning Early Childhood 2
EDB011	Early Childhood Field Studies 1: Development and Learning in the Field
EAB013	Early Childhood Society, Environment and Health Education
EAB014	Early Childhood Mathematics Education

#### Year 2, Semester 2

EDB003	Teaching and Learning Studies 3: Practising Education
EDB012	Early Childhood Field Studies 2: Practising Education in the Field
EAB015	Early Childhood Mathematics, Science & Technology Education 2
EAB009	Early Childhood Language and Literacies and Communication 2

#### Year 3, Semester 1

EAB005	Inclusion in Early Childhood Settings
EDB013	Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
EAB012	Early Childhood Curriculum: Arts 2
EAB016	Research in Early Childhood Education

#### Year 3, Semester 2

EAB017	Integrated Early Childhood Curriculum
EAB010	Early Childhood Language and Literacies and Communication 3
	Pathway Studies 1
	Pathway Studies 2

#### Year 4, Semester 1

EAB018/1	Applied Early Childhood Curriculum Project
EAB006	Leadership and Management in Early Childhood Services
	Pathway Studies 3
	Pathway Studies 4

#### Year 4, Semester 2

EAB007	Working with Parents and Other Adults in Early Childhood Education and Care Services
EDB014	Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field
EDB015	Internship (Early Childhood)
EAB018/2	Applied Early Childhood Curriculum Project

### ED92 - Research Pathway Option

Students with a GPA of 5.5 or above will be invited to undertake the research pathway option.

The research pathway option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research oriented, reflective approach to teaching. The amended structure for Research Pathway students will be:

#### Year 3, Semester 1

EAB005	Inclusion in Early Childhood Settings
EDB013	Early Childhood Field Studies 3: Immersion in Inclusive Educational Practices
EAB012	Early Childhood Curriculum: Arts 2
EDB410	Introduction To Research Methods In Education

#### Year 3, Semester 2

EAB017	Integrated Early Childhood Curriculum
EAB010	Early Childhood Language and Literacies and Communication 3
	Elective
EDB411	Dissertation

#### Year 4, Semester 1

EAB018/1	Applied Early Childhood Curriculum Project
EAB006	Leadership and Management in Early Childhood Services
EDB411	Dissertation
EDB411	Dissertation

#### Year 4, Semester 2

EAB007	Working with Parents and Other Adults in Early Childhood Education and Care Services
EDB014	Early Childhood Field Studies 4: Professional Work of Teachers - Induction into the Field
EDB015	Internship (Early Childhood)
EAB018/2	Applied Early Childhood Curriculum Project

### List 1 : Pathway Studies Electives

All students (except those following the LOTE pathway) take a total of four units from this list during Years 3 - 4 (refer to course structure on previous pages for exact semesters).

The 4 units should be drawn from one of the specified groups below.

Students electing to undertake EDB440 Independent Study, will undertake this unit as the fourth unit in their chosen pathway area and study will be specific to the area.

#### **RESEARCH PATHWAY**

(see above for complete research pathway)

EDB410 Introduction To Research Methods In Education

EDB411/1 Dissertation (Part 1)

EDB411/2 Dissertation (Part 2)

EDB411/3 Dissertation (Part 3)

#### **MIDDLE YEARS OF SCHOOLING PATHWAY**

CLB323 Teaching Adolescent Literature

MDB021 Mathematics Curriculum Studies 1

SPB022 The Middle Years Curriculum

SPB008 The Middle Years of Schooling

SPB020 Classroom Assessment Practices

SPB018 Teaching Strategies

EDB440 Independent Study

#### **STUDIES IN INCLUSIVE EDUCATION**

CLB045 Becoming a Second Language User

CLB049 The Global Teacher

CLB347 Teaching English as an Additional Language

CLB401 Cultural Diversity And Education

CLB403 Gender And Sexuality Issues For Teachers

MDB030 Understanding and Education Gifted Learners

SPB003 Teaching Children with Low Incidence Disabilities and Health Problems

SPB004 Teaching Students with Learning Difficulties

SPB007 Human Sexuality and Learning

EDB440 Independent Study

#### **STUDIES IN INDIGENOUS EDUCATION**

CLB402 Issues In Indigenous Education

HHB255 Indigenous Politics And Political Culture

HHB276 Indigenous Research, Ethics and Protocol

KKB701 Indigenous Australian Writing (to be confirmed)

EDB440 Independent Study

#### **MANAGING LEARNERS AND LEARNING**

SPB004 Teaching Students with Learning Difficulties

SPB006 Educational Counselling

SPB010 Education, Law and the Beginning Teacher

SPB012 Classroom and Behaviour Management

SPB017 Classroom Management: Models And Practice

SPB018 Teaching Strategies

EDB440 Independent Study

#### **DISCIPLINE BASED PATHWAYS**

##### **LITERATURE AND MEDIA STUDIES**

CLB441 Children's Literature

CLB452 Media Literacy And The School

CLB323 Teaching Adolescent Literature

CLB050 Popular Culture and Future Literacies (not available in 2004)

EAB361 Storytelling In Early Childhood

EDB440 Independent Study

##### **INVESTIGATING MATHEMATICS**

MDB347 Excursions In Number

MDB396 Excursions In Geometry

MDB021 Mathematics Curriculum Studies 1

MDP529 Assessment and Intervention in Mathematics

EAB023 Early Childhood Mathematics Education (not offered in 2004)

EDB440 Independent Study

##### **EXPLORING SCIENCE**

MDB389 Life And Living Processes

MDB390 Natural And Processed Materials

MDB391 Earth And Space

MDB454 Science, Technology and Society

EAB022 Early Childhood Science Education

EAB423 Museums: Places Of Learning

EDB440 Independent Study

##### **INFORMATION AND COMMUNICATION TECHNOLOGIES**

MDB392 Educational Computing Environments

MDB393 Networked Communities

MDB397 Digital Media in Education

EAB422 Information and Communication Technologies and the Young Child

CLB452 Media Literacy And The School

MDB377 Project Planning And Implementation For Educational Purposes

#### **EARLY CHILDHOOD MATHEMATICS, SCIENCE AND ICT EDUCATION**

EAB022 Early Childhood Science Education

EAB023 Early Childhood Mathematics Education

EAB024 Sociology of Early Childhood Mathematics Education

EAB422 Information and Communication Technologies and the Young Child

EDB440 Independent Study

#### **STUDIES OF SOCIETY AND ENVIRONMENT**

CLB371 Knowing Your Environment: From Global Issues to Local Action

CLB372 Sustainable Consumption: From Coca-Cola to the Community Co-op

CLB373 Environmental Futures Australia and the Asia Pacific

CLB375 Exploring Outdoors; Education in the Environment

CLB049 The Global Teacher

EAB423 Museums: Places Of Learning

EDB440 Independent Study

#### **HEALTH AND PHYSICAL EDUCATION**

HMB376 Motor Development in Children

HMB333 Child and Adolescent Health

HMB171 Fitness Health and Wellness

HMB315 Performance Skills 2

EAB021 Early Childhood Health and Nutrition

SPB007 Human Sexuality and Learning

EDB440 Independent Study

#### **THE ARTS**

Three units from the Creative Industries discipline areas of: Music, Visual Arts, Drama and Dance or the Early Childhood Arts units listed below.

Students must satisfy any specific entry requirements for Arts units.

The fourth unit will be EDB440 Independent Study

#### **INTEGRATED ARTS CURRICULUM**

EAB416 Early Childhood Art Education

EAB361 Storytelling In Early Childhood

EAB363 Creating Curriculum With Young Children

EAB423 Museums: Places Of Learning

EDB440 Independent Study

#### **DRAMA**

KTB208 Elements of Drama

KTB214 Process Drama

KTB251 20th Century Performance

KTB253 Staging Australia

KSB259 The Performance Instrument: Body and Voice

KTB252 The Sound of Theatre

KTB003 Applying Information Technology in the Drama Classroom

KSB278 Technical Theatre

#### **MUSIC**

KMB638 Sound And Image

KMB667 Music and Spirituality

KMB640 Sex Drugs Rock N Roll

KMB649 Introductory Musicianship

KMB631 World Music

KMB621 Sound Recording And Acoustics

KMB650 Introductory Ensemble

KMB619 Music And Sound Technology

#### **DANCE**

KDB125 Deconstructing Dance In History

KDB106 Dance Analysis

KDB176 Popular Dance Styles

KDB117 Dance in Education

KDB114 Australian Dance

#### **VISUAL ARTS**

KVB444 Contemporary Asian Visual Culture

KVB447 Drawing

KVB457 Sculpture

KVB503 Clay Materials

KVB507 Painting

KVB509 Photomedia and Artistic Practice

KVB702 Australian and Indigenous Art

KVB701 Modernism



## ■ Bachelor of Education (Early Childhood) - Graduate Course (ED57)

**Award title:** Bachelor of Education

**CRICOS code:** 031572G

**Location:** Kelvin Grove

**Course duration (full-time):** 2 years; 1.5 years Summer Program Option

**Course duration (part-time):** 4 years; 3 years Summer Program Option

**Course duration (external):** 4 years part-time or 2 years full-time; 1.5 years full-time or 3 years part-time Summer Program Option

**Total credit points:** 192

**Course coordinator:** Dr Felicity McArdle

This course is open to continuing students only.

### Full-time Internal/External Course Structure

#### *Semester 1 (Full-time Course Structure)*

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
EDB011 Early Childhood Field Studies 1: Development and Learning in the Field

EAB442 Motor And Social Development In Early Childhood  
EAB014 Early Childhood Mathematics Education

#### *Semester 2 (Full-time Course Structure)*

SPB001 Human Development and Education  
EDB012 Early Childhood Field Studies 2: Practising Education in the Field

EAB345 Early Childhood Curriculum: Language Education  
EAB443 Cognition And Language In Early Childhood

#### *Semester 3 (Full-time Course Structure)*

SPB002 Psychology of Learning and Teaching  
EDB420 Early Childhood Professional Practice: Child Care  
EAB413 Management Of Early Childhood Services  
EAB011 Early Childhood Curriculum: Arts 1

#### *Semester 4 (Full-time Course Structure)*

CLB306 Understanding Educational Practices  
EDB423 Early Childhood Professional Practice: Choice  
EAB346 Early Childhood Curriculum: Science, Society And The Environment  
EAB444 Inclusive Practices In Early Childhood

### Accelerated Progression: Full-time Internal/External Course Structure

#### *Year 1, Semester 1*

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
EDB011 Early Childhood Field Studies 1: Development and Learning in the Field

EAB442 Motor And Social Development In Early Childhood  
EAB014 Early Childhood Mathematics Education

#### *Year 1, Semester 2*

SPB001 Human Development and Education  
EDB012 Early Childhood Field Studies 2: Practising Education in the Field

EAB345 Early Childhood Curriculum: Language Education  
EAB443 Cognition And Language In Early Childhood

#### *Year 1, Semester 3 (Summer Program)*

CLB306 Understanding Educational Practices  
EDB420 Early Childhood Professional Practice: Child Care  
EAB346 Early Childhood Curriculum: Science, Society And The Environment  
EAB444 Inclusive Practices In Early Childhood

#### *Year 2, Semester 1*

SPB002 Psychology of Learning and Teaching  
EDB423 Early Childhood Professional Practice: Choice  
EAB413 Management Of Early Childhood Services  
EAB011 Early Childhood Curriculum: Arts 1

### Part-time Internal/External Course Structure

#### *Year 1, Semester 1*

EAB442 Motor And Social Development In Early Childhood  
EDB001 Teaching and Learning Studies 1: Teaching in New Times

#### *Year 1, Semester 2*

SPB001 Human Development and Education  
EAB443 Cognition And Language In Early Childhood

#### *Year 2, Semester 1*

EAB014 Early Childhood Mathematics Education

EDB011 Early Childhood Field Studies 1: Development and Learning in the Field

#### *Year 2, Semester 2*

EAB345 Early Childhood Curriculum: Language Education  
EDB012 Early Childhood Field Studies 2: Practising Education in the Field

#### *Year 3, Semester 1*

SPB002 Psychology of Learning and Teaching  
EAB011 Early Childhood Curriculum: Arts 1

#### *Year 3, Semester 2*

CLB306 Understanding Educational Practices  
EAB346 Early Childhood Curriculum: Science, Society And The Environment

#### *Year 4, Semester 1*

EAB413 Management Of Early Childhood Services  
EDB420 Early Childhood Professional Practice: Child Care

#### *Year 4, Semester 2*

EAB444 Inclusive Practices In Early Childhood  
EDB423 Early Childhood Professional Practice: Choice

### Accelerated Progression: Part-time Internal/External Course Structure

#### *Year 1, Semester 1*

EAB442 Motor And Social Development In Early Childhood  
EDB001 Teaching and Learning Studies 1: Teaching in New Times

#### *Year 1, Semester 2*

SPB001 Human Development and Education  
EAB443 Cognition And Language In Early Childhood

#### *Year 1, Semester 3 (Summer Program)*

CLB306 Understanding Educational Practices  
EAB346 Early Childhood Curriculum: Science, Society And The Environment

#### *Year 2, Semester 1*

EAB014 Early Childhood Mathematics Education  
EDB011 Early Childhood Field Studies 1: Development and Learning in the Field

#### *Year 2, Semester 2*

EAB345 Early Childhood Curriculum: Language Education  
EDB012 Early Childhood Field Studies 2: Practising Education in the Field

#### *Year 2, Semester 3 (Summer Program)*

EDB420 Early Childhood Professional Practice: Child Care  
EAB444 Inclusive Practices In Early Childhood

#### *Year 3, Semester 1*

EAB011 Early Childhood Curriculum: Arts 1  
SPB002 Psychology of Learning and Teaching

#### *Year 3, Semester 2*

EDB423 Early Childhood Professional Practice: Choice  
EAB413 Management Of Early Childhood Services

## ■ Bachelor of Education (Early Childhood) Graduate Course (ED97)

**Award title:** Bachelor of Education (Early Childhood)

**CRICOS code:** 031572G

**Location:** Kelvin Grove and External

**Course duration (full-time):** 2 years

**Course duration (part-time):** 4 years

**Course duration (external):** 2-4 years

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Felicity McArdle

### Course Structure

#### *Year 1, Semester 1*

EAB03 Development and Learning in Early Childhood  
EDB211 Early Childhood Field Studies A: Development and Learning in Early Childhood

EAB363 Creating Curriculum with Young Children

EAB008 Early Childhood Language, Literacies and Communication 1

#### *Year 1, Semester 2*

Teaching in the Knowledge Society  
EDB212 Early Childhood Field Studies B: Teaching in the Knowledge Society

EAB348 Early Childhood Curriculum: Arts

EAB009 Early Childhood Language, Literacies and Communication 2

#### *Year 2, Semester 1*

EDB203 Inclusivity in Educational Practice

EDB013	Early Childhood Field Studies C: Immersion in Inclusive Education Practices
EAB314	Early Childhood Curriculum: SOSE and Health Early Childhood Curriculum: Mathematics
<b>Year 2, Semester 2</b>	
EDB204	The Professional Work of Educators
EDB214	Early Childhood Field Studies D: The Professional Work of Educators
EDB215	Early Childhood Professional Internship
EAB136	Early Childhood Curriculum: Science and Technology

## ■ Bachelor of Education (Inservice) (ED26)

**Award title:** Bachelor of Education

**CRICOS code:** 000374C

**Location:** Kelvin Grove and External

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Course duration (external):** 1 year full-time or 2 years part-time

**Total credit points:** 96

**Course coordinator:** Assoc Prof John Lidstone

### Course Structure

Students are required to complete eight, 12 credit point units of study. The course provides flexibility for students to complete their studies across a range of areas. Two core units, Teachers and the Curriculum and Understanding Educational Practices, must be completed together with an additional two units from any of the four schools located in the Faculty of Education. The remaining four units may be taken from a wide range of Faculty of Education units or from faculties other than the Faculty of Education. Please see Studyfinder at qut.com for more information. Students undertaking the course to meet specific Queensland Board of Teacher Registration requirements may not be able to undertake non-education units.

Many students use their studies in the Bachelor of Education (Inservice) as an opportunity to gain expertise in specific areas. Students returning to the classroom after a break will often update their knowledge by undertaking preservice curriculum studies units in the early childhood, primary or specific secondary subject areas. Alternatively students may choose a suite of units related to a specific area of interest such as adult and workplace education, culture and language studies, human relationship education studies or mathematics, science and technology education studies.

#### Core Units

CLB306	Understanding Educational Practices
SPB016	Teachers and the Curriculum

#### Cultural and Language Studies in Education

CLB304	Context Of Adult And Workplace Education
CLB376	Studies Of Society And Environment Curriculum
CLB401	Cultural Diversity And Education
CLB402	Issues In Indigenous Education
CLB403	Gender And Sexuality Issues For Teachers
CLB441	Children's Literature
CLB443	Trends In The Teaching Of Reading
CLB451	Storytelling: Cultural Perspectives
CLB454	Language And Literacy Curriculum

#### Early Childhood

EAB346	Early Childhood Curriculum: Science, Society And The Environment
EAB014	Early Childhood Mathematics Education
EAB410	Early Education: Deciding The Curriculum
EAB411	Early Education: Literacy
EAB440	Working With Parents And Community
EAB443	Cognition And Language In Early Childhood

#### Learning and Professional Studies

SPB002	Psychology of Learning and Teaching
SPB006	Educational Counselling
SPB007	Human Sexuality and Learning
SPB008	The Middle Years of Schooling
SPB009	Research Methods in Education
SPB013	Progressive Strategies For General And Vocational Education
SPB017	Classroom Management: Models And Practice

SPB018	Teaching Strategies
SPB019	Introduction to Educational Administration
SPB020	Classroom Assessment Practices
SPB021	Educators And The Law
SPB022	The Middle Years Curriculum
SPB023	Adult Learning and Development
SPB025	The Individual in Adult and Workplace Education
SPB026	Adult Education In The Workplace And Community
SPB027	Orientation to Adult and Workplace Programs
SPB028	The Group in Adult and Workplace Education
SPB029	Instructional Strategies for Adult and Workplace Education
SPB030	Programming in Adult and Workplace Education
SPB034	Organisation and Administration of Adult and Workplace Education

#### Mathematics, Science and Technology Education

MDB333	Mathematics Curriculum Studies 1
MDB384	Science Education
MDB411	Early Childhood Mathematics Teaching, Learning And Assessment
MDB414	Learning Environments Using Information Technology
MDB429	Initiatives In Science Education
MDB440	Computers And Education
MDP529	Assessment and Intervention in Mathematics
MDB453	Middle School Mathematics Education

#### Faculty of Education Elective Units

EDB440	Independent Study
EDB442	Integrated Professional Studies

#### Faculty of Health Elective Units

HMB307	Health and Physical Education Curriculum (Primary)
HMB337	Organisation and Management In Physical Education And Sport
HMB441	Sociology of Sport

## ■ Bachelor of Education (Preservice Early Childhood) (ED93)

**Award title:** Bachelor of Education (Preservice Early Childhood)

**CRICOS code:** Not required

**Location:** External

**Course duration (external):** 5 years

**Total credit points:** 384 CP

**Standard credit points per semester (part-time):** 24 CP

**Course coordinator:** Dr Julie Davis

### Professional Recognition

This course is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland and the Department of Families, Youth and Community Care for employment in the area of child care.

### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Part-time Course Structure - students are required to complete 20 units over 5 years part-time.

#### Year 1, Semester 1

MDB440	Computers And Education
EAB364	Academic And Professional Communication

#### Year 1, Semester 2

EAB011	Early Childhood Curriculum: Arts 1
EAB013	Early Childhood Society, Environment and Health Education

#### Year 2, Semester 1

EAB014	Early Childhood Mathematics Education
EAB008	Early Childhood Language and Literacies and Communication 1

#### Year 2, Semester 2

EAB005	Inclusion in Early Childhood Education
EAB006	Leadership and Management in Early Childhood Services

#### Year 3, Semester 1

EDB004	Development and Learning in Early Childhood
EDB011	Early Childhood Field Studies 1: Development and Learning in the Field

#### Year 3, Semester 2

EDB003	Teaching and Learning Studies 3: Practising Education
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EDB012 Early Childhood Field Studies 2: Practising Education in the Field

**Year 4, Semester 1**

EAB015 Early Childhood Science and Information and Communication Technologies Education

EAB009 Early Childhood Language and Literacies and Communication 2

**Year 4, Semester 2**

EDB007 Culture Studies: Indigenous Education

EAB010 Early Childhood Language, Literacies & Communication 3

**Year 5, Semester 1**

EAB017 Integrated Early Childhood Curriculum

EAB363 Creating Curriculum With Young Children

**Year 5, Semester 2**

EDB014 EC Field Studies 4: Professional Work of Teachers: Induction in the Field  
OR

EDB015 Internship  
AND

EAB020 Action Research in Early Childhood

## ■ Bachelor of Education (Primary) (ED91)

**Award title:** Bachelor of Education (Primary)

**CRICOS code:** 000783G

**Location:** Kelvin Grove and Caboolture

**Course duration (full-time):** 4 years; QUT Caboolture: After the completion of first year (ie 96 credit points of study), students must transfer to Kelvin Grove campus for the remainder of the course.

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Annah Healy

### Professional recognition

The Bachelor of Education (Primary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Languages Other Than English (LOTE) Pathway

Students undertaking a LOTE pathway may be required to attend other campuses.

Students wishing to undertake studies in French, German, Indonesian or Japanese are required to select a specified sequence of six units (72 credit points). Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units.

### Research pathway

Certain students will be invited to undertake the Research Pathway Option. This option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research-oriented, reflective approach to teaching.

### Course Structure

#### Year 1, Semester 1

CLB004 Integrated Foundation Studies 1: Visual and Verbal Language and Literacies

EDB001 Teaching and Learning Studies 1: Teaching in New Times

EDB006 Learning Networks

MDB001 Integrated Foundations Studies 2: Scientific and Quantitative Literacy

#### Year 1, Semester 2

CLB005 Integrated Foundation Studies 3: Wellness and Active Citizenship

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

EDB007 Culture Studies: Indigenous Education

MDB002 Primary Curriculum and Pedagogies: Mathematics 1

#### Year 2, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning

EDB021 Primary Field Studies 1: Development and Learning in the Field

MDB004 Primary Curriculum & Pedagogies: Information and Communication Technologies

MDB006 Primary Curriculum & Pedagogies: Science

#### Year 2, Semester 2

CLB008 Primary Curriculum and Pedagogies: Studies of Society and Environment  
Pathway studies 1

HMB300 Primary Curriculum & Pedagogies: Health & Physical Education

KKB201 Primary Curriculum & Pedagogies: Arts 1  
OR

KKB202 Primary Curriculum & Pedagogies: Arts 2

#### Year 3, Semester 1

CLB007 Primary Curriculum and Pedagogies: Language and Literacies 2

Pathway Studies 2

Pathway studies 3

KKB202 Primary Curriculum & Pedagogies: Arts 2  
OR

KKB201 Primary Curriculum & Pedagogies: Arts 1

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education

EDB022 Primary Field Studies 2: Practising Education in the Field

MDB003 Primary Curriculum & Pedagogies: Mathematics 2

MDB005 Primary Curriculum & Pedagogies: Design and Technology Education

#### Year 4, Semester 1

EDB004 Teaching and Learning Studies 4: Focus on Inclusive Education

EDB023 Primary Field Studies 3: Immersion in Inclusive Education

SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

SPB036 Primary Curriculum and Pedagogies: Assessment and Reporting

#### Year 4, Semester 2

EDB005 Teaching and Learning Studies 5: Professional Work of Teachers

EDB024 Primary Field Studies 4: Professional Work of Teachers - Induction into the Field

EDB025 Internship (Primary)  
Pathway studies 4 (Project)

### ED91 - LOTE Pathway

#### Year 1, Semester 1

EDB006 Learning Networks  
Arts Discipline Elective

CLB004 Integrated Foundation Studies 1: Visual and Verbal Language and Literacies  
LOTE 1 or 3

#### Year 1, Semester 2

EDB001 Teaching and Learning Studies 1: Teaching in New Times

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

MDB002 Primary Curriculum and Pedagogies: Mathematics 1  
LOTE 2 or 4

#### Year 2, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning

EDB021 Primary Field Studies 1: Development and Learning in the Field

MDB006 Primary Curriculum & Pedagogies: Science  
LOTE 3 or 5

#### Year 2, Semester 2

EDB007 Culture Studies: Indigenous Education

CLB008 Primary Curriculum and Pedagogies: Studies of Society and Environment

HMB300 Primary Curriculum & Pedagogies: Health & Physical Education  
LOTE 4 or 6

#### Year 3, Semester 1

CLB007 Primary Curriculum and Pedagogies: Language and Literacies 2

CLB042 Primary LOTE Curriculum Studies 1

MDB004 Primary Curriculum & Pedagogies: Information and Communication Technologies

LOTE 5 or 7

**Year 3, Semester 2**

EDB003	Teaching and Learning Studies 3: Practising Education
EDB022	Primary Field Studies 2: Practising Education in the Field
MDB003	Primary Curriculum & Pedagogies: Mathematics 2
	LOTE 6 or 8

**Year 4, Semester 1**

EDB004	Teaching and Learning Studies 4: Focus on Inclusive Education
EDB023	Primary Field Studies 3: Immersion in Inclusive Education
KKB202	Primary Curriculum & Pedagogies: Arts 2
OR	
KKB201	Primary Curriculum & Pedagogies: Music, Visual Arts & Media
SPB036	Primary Curriculum and Pedagogies: Assessment and Reporting

**Year 4, Semester 2**

EDB005	Teaching and Learning Studies 5: Professional Work of Teachers
EDB024	Primary Field Studies 4: Professional Work of Teachers - Induction into the Field
EDB025	Internship (Primary)
CLB043	Primary Curriculum 2 LOTE

**ED91 - Research Pathway Option**

*Years 1 & 2 as per normal course structure*

**Year 3, Semester 1**

KKB201	Primary Curriculum & Pedagogies: Music, Visual Arts & Media
OR	
KKB202	Primary Curriculum & Pedagogies: Dance & Drama
EDB411/1	Dissertation (Stage 1)
CLB007	Primary Curriculum and Pedagogies: Language and Literacies 2
EDB410	Introduction To Research Methods In Education

**Year 3, Semester 2**

EDB003	Teaching and Learning Studies 3: Practising Education
MDB003	Primary Curriculum & Pedagogies: Mathematics 2
EDB022	Primary Field Studies 2: Practising Education in the Field
MDB005	Primary Curriculum & Pedagogies: Design & Technology Education

**Year 4, Semester 1**

EDB004	Teaching and Learning Studies 4: Focus on Inclusive Education
EDB023	Primary Field Studies 3: Immersion in Inclusive Education
SPB036	Primary Curriculum and Pedagogies: Assessment and Reporting
EDB411/2	Dissertation (Stage 2)

**Year 4, Semester 2**

EDB005	Teaching and Learning Studies 5: Professional Work of Teachers
EDB024	Primary Field Studies 4: Professional Work of Teachers - Induction into the Field
EDB025	Internship (Primary)
EDB411/3	Dissertation (Stage 3)

**List 1 : Pathway Studies Electives**

All students (except those following the LOTE pathway) take a total of four units from this list during Years 3 - 4 (refer to course structure on previous pages for exact semesters).

The 4 units should be drawn from one of the specified groups below. Students electing to undertake EDB440 Independent Study, will undertake this unit as the fourth unit in their chosen pathway area and study will be specific to the area.

**RESEARCH PATHWAY**

(see above for complete research pathway)

EDB410	Introduction To Research Methods In Education
EDB411/1	Dissertation (Part 1)
EDB411/2	Dissertation (Part 2)
EDB411/3	Dissertation (Part 3)

**MIDDLE YEARS OF SCHOOLING PATHWAY**

CLB323	Teaching Adolescent Literature
MDB021	Mathematics Curriculum Studies 1
SPB022	The Middle Years Curriculum
SPB008	The Middle Years of Schooling
SPB020	Classroom Assessment Practices
SPB018	Teaching Strategies
EDB440	Independent Study

**STUDIES IN INCLUSIVE EDUCATION**

CLB045	Becoming a Second Language User
CLB049	The Global Teacher
CLB347	Teaching English as an Additional Language
CLB401	Cultural Diversity And Education
CLB403	Gender And Sexuality Issues For Teachers
MDB030	Understanding and Education Gifted Learners
SPB003	Teaching Children with Low Incidence Disabilities and Health Problems
SPB004	Teaching Students with Learning Difficulties
SPB007	Human Sexuality and Learning
EDB440	Independent Study

**STUDIES IN INDIGENOUS EDUCATION**

CLB402	Issues In Indigenous Education
HHB255	Indigenous Politics And Political Culture
HHB276	Indigenous Research, Ethics and Protocol
KKB701	Indigenous Australian Writing (to be confirmed)
EDB440	Independent Study

**MANAGING LEARNERS AND LEARNING**

SPB004	Teaching Students with Learning Difficulties
SPB006	Educational Counselling
SPB010	Education, Law and the Beginning Teacher
SPB012	Classroom and Behaviour Management
SPB017	Classroom Management: Models And Practice
SPB018	Teaching Strategies
EDB440	Independent Study

**DISCIPLINE BASED PATHWAYS**

**LITERATURE AND MEDIA STUDIES**

CLB441	Children's Literature
CLB452	Media Literacy And The School
CLB323	Teaching Adolescent Literature
CLB050	Popular Culture and Future Literacies (not available in 2004)
EAB361	Storytelling In Early Childhood
EDB440	Independent Study

**INVESTIGATING MATHEMATICS**

MDB347	Excursions In Number
MDB396	Excursions In Geometry
MDB021	Mathematics Curriculum Studies 1
MDP529	Assessment and Intervention in Mathematics
EAB023	Early Childhood Mathematics Education (not offered in 2004)
EDB440	Independent Study

**EXPLORING SCIENCE**

MDB389	Life And Living Processes
MDB390	Natural And Processed Materials
MDB391	Earth And Space
MDB454	Science, Technology and Society
EAB022	Early Childhood Science Education
EAB423	Museums: Places Of Learning
EDB440	Independent Study

**INFORMATION AND COMMUNICATION TECHNOLOGIES**

MDB392	Educational Computing Environments
MDB393	Networked Communities
MDB397	Digital Media in Education
EAB422	Information and Communication Technologies and the Young Child
CLB452	Media Literacy And The School
MDB377	Project Planning And Implementation For Educational Purposes

**EARLY CHILDHOOD MATHEMATICS, SCIENCE AND ICT EDUCATION**

EAB022	Early Childhood Science Education
EAB023	Early Childhood Mathematics Education
EAB024	Sociology of Early Childhood Mathematics Education
EAB422	Information and Communication Technologies and the Young Child
EDB440	Independent Study

**STUDIES OF SOCIETY AND ENVIRONMENT**

CLB371	Knowing Your Environment: From Global Issues to Local Action
CLB372	Sustainable Consumption: From Coca-Cola to the Community Co-op
CLB373	Environmental Futures Australia and the Asia Pacific
CLB375	Exploring Outdoors; Education in the Environment
CLB049	The Global Teacher
EAB423	Museums: Places Of Learning
EDB440	Independent Study

**HEALTH AND PHYSICAL EDUCATION**

HMB376	Motor Development in Children
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HMB333	Child and Adolescent Health
HMB171	Fitness Health and Wellness
HMB315	Performance Skills 2
EAB021	Early Childhood Health and Nutrition
SPB007	Human Sexuality and Learning
EDB440	Independent Study

#### **THE ARTS**

Three units from the Creative Industries discipline areas of: Music, Visual Arts, Drama and Dance or the Early Childhood Arts units listed below.

Students must satisfy any specific entry requirements for Arts units.

The fourth unit will be EDB440 Independent Study

#### **INTEGRATED ARTS CURRICULUM**

EAB416	Early Childhood Art Education
EAB361	Storytelling In Early Childhood
EAB363	Creating Curriculum With Young Children
EAB423	Museums: Places Of Learning
EDB440	Independent Study

#### **DRAMA**

KTB208	Elements of Drama
KTB214	Process Drama
KTB251	20th Century Performance
KTB253	Staging Australia
KSB259	The Performance Instrument: Body and Voice
KTB252	The Sound of Theatre
KTB003	Applying Information Technology in the Drama Classroom
KSB278	Technical Theatre

#### **MUSIC**

KMB638	Sound And Image
KMB667	Music and Spirituality
KMB640	Sex Drugs Rock N Roll
KMB649	Introductory Musicianship
KMB631	World Music
KMB621	Sound Recording And Acoustics
KMB650	Introductory Ensemble
KMB619	Music And Sound Technology

#### **DANCE**

KDB125	Deconstructing Dance In History
KDB106	Dance Analysis
KDB176	Popular Dance Styles
KDB117	Dance in Education
KDB114	Australian Dance

#### **VISUAL ARTS**

KVB444	Contemporary Asian Visual Culture
KVB447	Drawing
KVB457	Sculpture
KVB503	Clay Materials
KVB507	Painting
KVB509	Photomedia and Artistic Practice
KVB702	Australian and Indigenous Art
KVB701	Modernism

### **List 2 : Languages Other Than English (LOTE) Units**

#### **LOTE UNITS**

General primary/LOTE students are required to complete 72 credit points of discipline/content studies plus 12 credit points of curriculum studies in one of the four languages available.

Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units.

The language units in the discipline/content strand are as follows:

#### **FRENCH**

HHB060	French for the Tourism Industry
HHB061	French 1
HHB062	French 2
HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6
HHB067	French 7
HHB068	French 8
HHB069	French 9
HHB070	French 10

#### **GERMAN**

HHB091	German 1
HHB092	German 2
HHB093	German 3
HHB094	German 4
HHB095	German 5
HHB096	German 6
HHB097	German 7

HHB098	German 8
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#### **INDONESIAN**

HHB071	Indonesian 1
HHB072	Indonesian 2
HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6
HHB077	Indonesian 7
HHB078	Indonesian 8

#### **JAPANESE**

HHB081	Japanese 1
HHB082	Japanese 2
HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6
HHB087	Japanese 7
HHB088	Japanese 8

### **■ Bachelor of Education (Primary) - Graduate Course (ED56)**

**Award title:** Bachelor of Education

**CRICOS code:** 031572G

**Location:** Kelvin Grove

**Course duration (full-time):** 2 years; 1.5 years Summer Program Option

**Course duration (part-time):** 4 years; 3 years Summer Program Option

**Course duration (external):** 2 years full-time or 4 years part-time; 1.5 years full-time or 3 years part-time Summer Program Option

**Total credit points:** 192

**Course coordinator:** Ms Jenny Masters

This course is open to continuing students only.

#### **Overview**

The Bachelor of Education (Primary) Graduate Course prepares students for employment as a primary teacher in Queensland. During the course students undertake theoretical studies relevant to primary education and complete four practicum blocks in a primary school setting. Students also learn the important role of educators in serving the community, and the effect of outside influences on the role of both educators and educational institutions.

#### **Full-time: Internal/External Course Structure**

##### **Semester 1 (Full-Time Course Structure)**

EDB001	Teaching and Learning Studies 1: Teaching in New Times
MDB450	Primary Mathematics Curriculum
EDB430	Primary Professional Practice 1: Classroom Management
CLB376	Studies of Society and Environment Curriculum

##### **Semester 2 (Full-Time Course Structure)**

SPB001	Human Development and Education
CLB454	Language and Literacy Curriculum
MDB004	Primary Curriculum & Pedagogies: Information and Communication Technologies
EDB431	Primary Professional Practice 2: Curriculum Decision Making

##### **Semester 3 (Full-Time Course Structure)**

Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 Programming and Assessment in Language and Mathematics should contact the Student Affairs office on 3864 3947. Primary LOTE Curriculum Studies is only offered internally in semester two.

SPB002	Psychology of Learning and Teaching
EDB432	Primary Professional Practice 3: Inclusive Curriculum
HMB307	Health and Physical Education Curriculum (Primary)
CLB413	Programming and Assessment in Language and Mathematics

##### **Semester 4 (Full-Time Course Structure)**

CLB306	Understanding Educational Practices
MDB384	Science Education
EDB433	Primary Professional Practice 4: Beginning Teaching External Students:

KKB914	Visual and Performing Arts Curriculum 1 Internal Students:
KKB201	Primary Curriculum & Pedagogies: Music, Visual Arts & Media OR
KKB202	Primary Curriculum & Pedagogies: Dance & Drama

### Full-time: Internal/External Accelerated Course Structure

#### Year 1, Semester 1

EDB001	Teaching and Learning Studies 1: Teaching in New Times
MDB450	Primary Mathematics Curriculum
EDB430	Primary Professional Practice 1: Classroom Management
CLB376	Studies of Society and Environment Curriculum

#### Year 1, Semester 2

CLB454	Language and Literacy Curriculum
MDB004	Primary Curriculum & Pedagogies: Information and Communication Technologies
EDB431	Primary Professional Practice 2: Curriculum Decision Making External Students:

KKB914	Visual and Performing Arts Curriculum 1 Internal Students:
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KKB201	Primary Curriculum & Pedagogies: Music, Visual Arts & Media OR
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KKB202	Primary Curriculum & Pedagogies: Dance & Drama
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#### Year 1, Semester 3 (Summer Program)

SPB001	Human Development and Education
EDB432	Primary Professional Practice 3: Inclusive Curriculum
MDB384	Science Education
CLB306	Understanding Educational Practices

#### Year 2, Semester 1

EDB433	Primary Professional Practice 4: Beginning Teaching
SPB002	Psychology of Learning and Teaching
HMB307	Health and Physical Education Curriculum (Primary)
CLB413	Programming and Assessment in Language and Mathematics Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 Programming and Assessment in Language and Mathematics should contact the Student Affairs office on 3864 3947. Primary LOTE Curriculum Studies is only offered internally in semester two.

### Part-time: Internal/External Course Structure

#### Year 1, Semester 1

MDB450	Primary Mathematics Curriculum
EDB001	Teaching and Learning Studies 1: Teaching in New Times

#### Year 1, Semester 2

SPB001	Human Development and Education
MDB004	Primary Curriculum & Pedagogies: Information and Communication Technologies

#### Year 2, Semester 1

CLB376	Studies of Society and Environment Curriculum
EDB430	Primary Professional Practice 1: Classroom Management

#### Year 2, Semester 2

CLB454	Language and Literacy Curriculum
EDB431	Primary Professional Practice 2: Curriculum Decision Making

#### Year 3, Semester 1

HMB307	Health and Physical Education Curriculum (Primary)
SPB002	Psychology of Learning and Teaching

#### Year 3, Semester 2

CLB306	Understanding Educational Practices
MDB384	Science Education

#### Year 4, Semester 1

EDB432	Primary Professional Practice 3: Inclusive Curriculum
CLB413	Programming and Assessment in Language and Mathematics Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 Programming and Assessment in Language and Mathematics should contact the Student Affairs office on 3864 3947. Primary LOTE Curriculum Studies is only offered internally in semester two.

#### Year 4, Semester 2

EDB433	Primary Professional Practice 4: Beginning Teaching External Students:
KKB914	Visual and Performing Arts Curriculum 1 Internal Students:
KKB201	Primary Curriculum & Pedagogies: Music, Visual Arts & Media

OR

KKB202	Primary Curriculum & Pedagogies: Dance & Drama
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### Part-time: Internal/ External Accelerated Course Structure

#### Year 1, Semester 1

MDB450	Primary Mathematics Curriculum
EDB001	Teaching and Learning Studies 1: Teaching in New Times

#### Year 1, Semester 2

CLB454	Language and Literacy Curriculum
MDB004	Primary Curriculum & Pedagogies: Information and Communication Technologies

#### Year 1, Semester 3 (Summer Program)

CLB306	Understanding Educational Practices
CLB376	Studies of Society and Environment Curriculum

#### Year 2, Semester 1

HMB307	Health and Physical Education Curriculum (Primary)
EDB430	Primary Professional Practice 1: Classroom Management

#### Year 2, Semester 2

SPB001	Human Development and Education
EDB431	Primary Professional Practice 2: Curriculum Decision Making

#### Year 2, Semester 3 (Summer Program)

SPB002	Psychology of Learning and Teaching
MDB384	Science Education

#### Year 3, Semester 1

EDB432	Primary Professional Practice 3: Inclusive Curriculum
CLB413	Programming and Assessment in Language and Mathematics Students with an approved LOTE background in their undergraduate degree who wish to undertake CLB334 Primary LOTE Curriculum Studies in place of CLB413 Programming and Assessment in Language and Mathematics should contact the Student Affairs office on 3864 3947. Primary LOTE Curriculum Studies is only offered internally in semester two.

#### Year 3, Semester 2

EDB433	Primary Professional Practice 4: Beginning Teaching External Students:
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KKB914	Visual and Performing Arts Curriculum 1 Internal Students:
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KKB201	Primary Curriculum & Pedagogies: Music, Visual Arts & Media OR
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KKB202	Primary Curriculum & Pedagogies: Dance & Drama
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## ■ Bachelor of Education (Primary) Graduate Course (ED96 )

**Award title:** Bachelor of Education (Primary)

**CRICOS code:** 031572G

**Location:** Kelvin Grove and External

**Course duration (full-time):** 2 years

**Course duration (part-time):** 4 years

**Course duration (external):** 2-4 years

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Ms Jenny Masters

### Course Structure

#### Year 1, Semester 1

Engaging in Learning  
Primary Field Studies A: Engaging in Learning  
Mathematics: Designs for Learning  
SOSE Curriculum and Pedagogies

#### Year 1, Semester 2

Teaching in the Knowledge Society  
Primary Field Studies B: Teaching in the Knowledge Society  
Science and Technology Curriculum and Pedagogies  
Multiliteracies: Designs for Learning

#### Year 2, Semester 1

Inclusivity in Teaching and Learning  
Primary Field Studies C: Immersion in Inclusive Education Practices  
The Arts Curriculum and Pedagogies  
HPE Curriculum and Pedagogies

#### Year 2, Semester 2

The Professional Work of Teachers  
Primary Field Studies D: The Professional Work of Teachers  
Primary Professional Internship  
Primary Curriculum Project

## ■ Bachelor of Education (Secondary) (ED90)

**Award title:** Bachelor of Education (Secondary)

**CRICOS code:** 000783G

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** Four years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Peter Bond

### Professional Recognition

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Course Structure

#### Possible Combinations of Subject Areas

##### \*\*\*\*GROUP X \*\*\*\*

Accounting/Business Management  
Business Communication & Technologies  
Computing  
English  
Home Economics (available only to students entering through the Home Economics entry point)  
Mathematics  
Physical Education (available only to students entering through the Physical Education entry point)  
Science Studies  
Social Science  
English as a Second Language (ESL)  
\*\*\*\*GROUP Y \*\*\*\*  
Accounting/Business Management  
Biology  
Business Communications & Technologies  
Chemistry  
Earth Science  
Economics  
English  
Film & Media Studies (subject to quota)  
French  
Geography  
German  
Health Education  
History  
Indonesian  
Japanese  
Legal Studies  
Mathematics  
Physics

**Note:** Where the same subject is listed in both Groups X and Y (eg. English), it may only be selected once. There may be limited places in some disciplines as a second teaching area. Students selecting Home Economics or Physical Education are to complete 96 credit points in these areas.

Some subjects are taught at Gardens Point and Carseldine campuses and timetable incompatibilities may exist with subjects taught at Kelvin Grove.

Students wishing to take biology, chemistry, earth science, or physics with subject areas other than mathematics or science studies should check for possible timetable difficulties.

Mathematics has an Assumed Knowledge of Maths B (4 SA)

#### Year 1, Semester 1

EDB006 Learning Networks  
2 x Discipline Studies X Unit  
1 x Discipline Studies Y Unit

#### Year 1, Semester 2

EDB001 Teaching and Learning Studies 1: Teaching in New Times  
1 x Discipline Studies X Unit  
2 x Discipline Studies Y Unit

#### Year 2, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning

EDB031 Secondary Field Studies 1: Development and Learning in the Field  
Curriculum Studies 1X  
Curriculum Studies 1Y

#### Year 2, Semester 2

EDB007 Culture Studies: Indigenous Education  
OR  
Extension Unit in Discipline X or Y for students choosing the Discipline Extension Pathway

AND

2 x Discipline Studies X Unit  
1 x Discipline Studies Y Unit

#### Year 3, Semester 1

Pathway Elective Unit

OR

Extension Unit in Discipline X or Y for students choosing the Discipline Extension Pathway

AND

1 x Discipline Studies X Unit  
2 x Discipline Studies Y Unit

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB032 Secondary Field Studies II: Practising Education in the Field  
Curriculum 2X  
Curriculum 2Y

#### Year 4, Semester 1

EDB004 Teaching & Learning Studies IV: Inclusive Education  
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
Curriculum 3X  
Curriculum 3Y

#### Year 4, Semester 2

EDB005 Teaching & Learning Studies V: Professional Work of Teachers  
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into the Field  
EDB035 Internship  
AND

Pathway Elective Unit

OR

EDB007 Culture Studies: Indigenous Education

### ED90 Pathway Elective Units

#### Possible Combinations of Subject Areas

Middle Years of Schooling  
SPB008 The Middle Years of Schooling  
SPB018 Teaching Strategies  
SPB020 Classroom Assessment Practices  
SPB022 The Middle Years Curriculum  
CLB323 Teaching Adolescent Literature  
MDB021 Mathematics Curriculum Studies 1  
Studies in Inclusive Education  
CLB045 Becoming a Second Language User  
CLB049 The Global Teacher  
CLB347 Teaching English as an Additional Language  
CLB401 Cultural Diversity And Education  
CLB403 Gender And Sexuality Issues For Teachers  
MDB030 Understanding and Education Gifted Learners  
SPB003 Teaching Children with Low Incidence Disabilities and Health Problems  
SPB004 Teaching Students with Learning Difficulties  
SPB007 Human Sexuality and Learning  
Studies in Indigenous Education  
CLB402 Issues In Indigenous Education  
HHB255 Indigenous Politics And Political Culture  
HHB276 Indigenous Research, Ethics and Protocols  
KKB701 Indigenous Australian Writing (to be confirmed)  
Studies in Managing Learners and Learning  
SPB004 Teaching Students with Learning Difficulties  
SPB006 Educational Counselling  
SPB010 Education, Law and the Beginning Teacher  
SPB012 Classroom and Behaviour Management  
SPB017 Classroom Management: Models And Practice  
SPB018 Teaching Strategies

### ED90 Curriculum Studies Units

CLB009 Accounting and Business Management Curriculum Studies 1  
CLB024 Film and Media Curriculum Studies 1  
CLB021 ESL Curriculum Studies 1

CLB018	English Curriculum Studies 1
CLB019	English Curriculum Studies 2
CLB025	Film and Media Curriculum Studies 2
CLB026	Film and Media Curriculum Studies 3
CLB037	LOTE Curriculum Studies 2
CLB038	LOTE Curriculum Studies 3
CLB022	ESL Curriculum Studies 2
CLB023	ESL Curriculum Studies 3
CLB010	Accounting/Business Management Curriculum Studies 2
CLB013	Business Communications & Technologies Curriculum Studies 2
CLB014	Business Communications & Technologies Curriculum Studies 3
CLB015	Economics Curriculum Studies 1
CLB016	Economics Curriculum Studies 2
CLB017	Economics Curriculum Studies 3
CLB027	Geography Curriculum Studies 1
CLB028	Geography Curriculum Studies 2
CLB029	Geography Curriculum Studies 3
CLB020	History Curriculum Studies 1
CLB021	ESL Curriculum Studies 1
CLB022	History Curriculum Studies 3
CLB033	Legal Studies Curriculum Studies 1
CLB034	Legal Studies Curriculum Studies 2
CLB035	Legal Studies Curriculum Studies 3
CLB039	Social Science Curriculum Studies 1
CLB040	Social Science Curriculum Studies 2
CLB041	Social Science Curriculum Studies 3
HMB331	Physical Education Curriculum Studies 2
HMB496	Health Education Curriculum Studies 3
MDB009	Biology Curriculum Studies 1
MDB010	Biology Curriculum Studies 2
MDB011	Biology Curriculum Studies 3
MDB012	Chemistry Curriculum Studies 1
MDB013	Chemistry Curriculum Studies 2
MDB014	Chemistry Curriculum Studies 3
MDB015	Computing Curriculum Studies 1
MDB016	Computing Curriculum Studies 2
MDB017	Computing Curriculum Studies 3
MDB018	Earth Science Curriculum Studies 1
MDB019	Earth Science Curriculum Studies 2
MDB020	Earth Science Curriculum Studies 3
MDB021	Mathematics Curriculum Studies 1
MDB022	Mathematics Curriculum Studies 2
MDB023	Mathematics Curriculum Studies 3
MDB024	Physics Curriculum Studies 1
MDB025	Physics Curriculum Studies 2
MDB026	Physics Curriculum Studies 3
MDB027	Science Curriculum Studies 1
MDB028	Science Curriculum Studies 2
MDB029	Science Curriculum Studies 3
PUB343	Home Economics Curriculum Studies 1
PUB643	Home Economics Curriculum 2
PUB743	Home Economics Curriculum Studies 3

## ■ Bachelor of Education (Secondary) - Graduate Course (ED55)

**Award title:** Bachelor of Education

**CRICOS code:** 031572G

**Location:** Kelvin Grove

**Course duration (full-time):** 2 years; 1.5 years Summer Program Option

**Course duration (part-time):** 4 years; 3 years Summer Program Option

**Course duration (external):** 2 years full-time or 4 years part-time; 1.5 years full-time or 3 years part-time Summer Program Option

**Total credit points:** 192

**Course coordinator:** Dr Gillian Kidman

This course is open to continuing students only.

### Overview

The Bachelor of Education (Secondary) Graduate Course prepares students for employment as a secondary school teacher. During the course students undertake theoretical studies relevant

to secondary education and complete four practicum blocks in government and/or non-government secondary schools. Students also learn the important role of educators serving in the community, and the effect of outside influences on the role of both educators and educational institutions.

### Full-time Internal/External Course Structure

#### Semester 1

SPB001 Human Development and Education  
EDB450 Secondary Professional Practice 1: Classroom Management  
External Students:

CLB341 Language, Technology And Education  
Internal Students:

EDB006 Learning Networks

EDB001 Teaching and Learning Studies 1: Teaching in New Times

#### Semester 2

SPB002 Psychology of Learning and Teaching

EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
Curriculum Studies 1X (See List 1)

Curriculum Studies 1Y (See List 1)

#### Semester 3

CLB306 Understanding Educational Practices

EDB452 Secondary Professional Practice 3: The Inclusive Curriculum  
Curriculum Studies 2X  
Curriculum Studies 2Y

#### Semester 4

EDB453 Secondary Professional Practice 4: The Beginning Teacher  
Education Studies Elective  
Education Studies Elective  
Curriculum Elective

### Full-time Internal/External Accelerated Structure Option

#### Year 1, Semester 1

SPB001 Human Development and Education

EDB450 Secondary Professional Practice 1: Classroom Management  
External Students:

CLB341 Language, Technology And Education  
Internal Students:

EDB006 Learning Networks

EDB001 Teaching and Learning Studies 1: Teaching in New Times

#### Year 1, Semester 2

SPB002 Psychology of Learning and Teaching

EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
Curriculum Studies 1X  
Curriculum Studies 1Y

#### Year 1, Semester 3 (Summer Program Option)

Education Studies Elective

Education Studies Elective

Curriculum Elective

EDB452 Secondary Professional Practice 3: The Inclusive Curriculum

#### Year 2, Semester 1

CLB306 Understanding Educational Practices

EDB453 Secondary Professional Practice 4: The Beginning Teacher  
Curriculum Studies 2X  
Curriculum Studies 2Y

### Part-time Internal/External Course Structure

#### Year 1, Semester 1

SPB001 Human Development and Education  
External Students:

CLB341 Language, Technology And Education  
Internal Students:

EDB006 Learning Networks

#### Year 1, Semester 2

SPB002 Psychology of Learning and Teaching  
Curriculum Studies 1X

#### Year 2, Semester 1

EDB450 Secondary Professional Practice 1: Classroom Management

EDB001 Teaching and Learning Studies 1: Teaching in New Times

#### Year 2, Semester 2

EDB451 Secondary Professional Practice 2: Curriculum Decision Making  
Curriculum Studies 1Y

#### Year 3, Semester 1

CLB306 Understanding Educational Practices  
Curriculum Studies 2X



**Year 3, Semester 2**

Education Studies Elective  
Education Studies Elective

**Year 4, Semester 1**

EDB452 Secondary Professional Practice 3: The Inclusive Curriculum Curriculum Studies 2Y

**Year 4, Semester 2**

EDB453 Secondary Professional Practice 4: The Beginning Teacher Curriculum Elective

**Part-time Internal/External Accelerated Course Structure Option**

**Year 1, Semester 1**

External Students:

CLB341 Language, Technology And Education  
Internal Students

EDB006 Learning Networks

EDB001 Teaching and Learning Studies 1: Teaching in New Times

**Year 1, Semester 2**

SPB001 Human Development and Education Curriculum Studies 1X

**Year 1, Semester 3 (Summer Program)**

CLB306 Understanding Educational Practices Education Studies Elective

**Year 2, Semester 1**

EDB450 Secondary Professional Practice 1: Classroom Management Curriculum Studies 2X

**Year 2, Semester 2**

EDB451 Secondary Professional Practice 2: Curriculum Decision Making Curriculum Studies 1Y

**Year 2, Semester 3 (Summer Program)**

SPB002 Psychology of Learning and Teaching Curriculum Elective

**Year 3, Semester 1**

EDB452 Secondary Professional Practice 3: The Inclusive Curriculum Curriculum Studies 2Y

**Year 3, Semester 2**

EDB453 Secondary Professional Practice 4: The Beginning Teacher Education Studies Elective

**ED55 Curriculum Studies 1**

CLB355 Accounting/business Management Curriculum Studies 1

KVB412 Art Curriculum Studies 1

MDB325 Biology Curriculum Studies 1

CLB357 Business Communications And Technologies Curriculum Studies 1

MDB327 Chemistry Curriculum Studies 1

MDB329 Computing Curriculum Studies 1

KDB421 Dance Curriculum Studies 1

KTB414 Drama Curriculum Studies 1

MDB331 Earth Science Curriculum Studies 1

CLB359 Economics Curriculum Studies 1

CLB325 English Curriculum Studies 1

CLB447 English As A Second Language Curriculum Studies 1

CLB327 Film And Media Curriculum Studies 1

CLB361 Geography Curriculum Studies 1

HMB390 Health Education Curriculum Studies 1

CLB363 History Curriculum Studies 1

PUB312 Home Economics Curriculum Studies 1

CLB365 Legal Studies Curriculum Studies 1

CLB329 Lote Curriculum Studies 1

MDB333 Mathematics Curriculum Studies 1

KMP423 Music Curriculum Studies 1

KMP434 Music Curriculum Studies 1A

HMB310 Physical Education Curriculum Studies 1

MDB335 Physics Curriculum Studies 1

CLB449 Primary Lote Curriculum Studies 1

MDB337 Science Curriculum Studies 1

CLB367 Social Science Curriculum Studies 1

**ED55 Curriculum Studies 2**

CLB356 Accounting/business Management Curriculum Studies 2

KVB413 Art Curriculum Studies 2

MDB326 Biology Curriculum Studies 2

CLB358 Business Communications And Technologies Curriculum Studies 2

MDB328 Chemistry Curriculum Studies 2

MDB330 Computing Curriculum Studies 2

KDB429 Dance Curriculum Studies 2

KTB415 Drama Curriculum Studies 2

MDB332 Earth Science Curriculum Studies 2

CLB360 Economics Curriculum Studies 2

CLB326 English Curriculum Studies 2

CLB448 English As A Second Language Curriculum Studies 2

CLB328 Film And Media Curriculum Studies 2

CLB362 Geography Curriculum Studies 2

HMB395 Health Education Curriculum Studies 2

CLB364 History Curriculum Studies 2

PUB322 Home Economics Curriculum Studies 2

CLB366 Legal Studies Curriculum Studies 2

CLB330 Lote Curriculum Studies 2

MDB334 Mathematics Curriculum Studies 2: Senior Mathematics

MDB452 Mathematics Curriculum Studies 2: Junior and Vocational Mathematics

KMP431 Music Curriculum Studies 2

KMP433 Music Curriculum Studies 2A

HMB370 Physical Education Curriculum Studies 2

MDB336 Physics Curriculum Studies 2

CLB450 Primary Lote Curriculum Studies 2

MDB338 Science Curriculum Studies 2

CLB368 Social Science Curriculum Studies 2

**■ Bachelor of Education (Secondary) Graduate Course (ED95 )**

**Award title:** Bachelor of Education (Secondary)

**CRICOS code:** 031572G

**Location:** Kelvin Grove and External

**Course duration (full-time):** 2 years

**Course duration (part-time):** 4 years

**Course duration (external):** 2-4 years

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Gillian Kidman

**Teaching Areas**

Students may study 2 Group X or 2 Group Y, providing one teaching area is in external mode (allowing them to study both curriculum studies units if there is a timetable clash). Any combination of Dance, Drama, Music and Visual Arts is acceptable.

**Course Structure**

**Year 1, Semester 1**

Engaging in Learning

Secondary Field Studies A: Engaging in Learning

Curriculum 1X

Curriculum 1Y

**Year 1, Semester 2**

Teaching in the Knowledge Society

Secondary Field Studies B: Teaching in the Knowledge

Society

Curriculum 2X

Curriculum 2Y

**Year 2, Semester 1**

Inclusivity in Teaching and Learning

Secondary Field Studies C: Immersion in Inclusive Education

Practices

Curriculum 3X

Curriculum 3Y

**Year 2, Semester 2**

The Professional Work of Teachers

Secondary Field Studies D: The Professional Work of Teachers

Secondary Professional Internship

Secondary Curriculum Project



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## Section Three – Course Information

# Health

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## OVERVIEW

The Faculty of Health is an industry leader that educates professionals for a range of health related areas, conducts research and is actively engaged in continuing education and community service.

The Faculty has more than 3500 students enrolled in undergraduate and postgraduate programs. Undergraduate degree programs are delivered through five discipline-based schools of Human Movement Studies, Nursing, Optometry, Psychology and Counselling, and Public Health.

The **School of Human Movement Studies** offers programs that respond to the increasing community awareness of health, exercise, well-being, and fitness. A degree in Human Movement Studies equips graduates with the knowledge and skills for an active career in physical education, health education, rehabilitation, weight management, or exercise and sports science. The School has close links with the Queensland Reds and has formed a Centre for Rugby Studies to further develop and promote the sport of rugby.

The **School of Nursing** is Queensland's oldest provider of nursing education. Always at the cutting-edge of its field, the School offers the latest in clinical facilities and equipment, and a wide range of local, rural, and overseas opportunities for practical placements. Nursing graduates go on to work in a range of areas, including and beyond the traditional hospital ward. The School offers an undergraduate program in nursing, as well as specialised postgraduate programs.

The **School of Optometry** is the only optometry training facility in Queensland and one of three in Australia. As such, Optometry graduates are always in demand. The optometry degree prepares graduates for entry into the professional workforce and for Australia-wide registration. Students apply their knowledge through supervised clinical practice both in the School's purpose-built public optometry clinic and in the community. Postgraduate research programs are offered by the School at Masters and PhD level.

The **School of Psychology and Counselling** is located on QUT's spacious bushland campus at Carseldine. The School offers excellent teaching, technology and research facilities for its undergraduate and postgraduate courses. Programs provide graduates with the opportunity to gain practical qualifications that are well regarded in the community. The Bachelor of Behavioural Science (Psychology) is a three-year degree program that prepares graduates for further studies in psychology and for employment in a number of fields. Graduates aiming for professional registration may seek admission to a fourth year of study in either the Bachelor of Psychology (Honours) or the Postgraduate Diploma in Psychology. The School's postgraduate offerings include Masters in Counselling, Clinical Psychology and Psychology (Educational and Developmental), and Graduate Diplomas or Certificates in Psychology and Road Safety. Studies can also be undertaken at doctorate level.

The School has a Family and Counselling Clinic, which is open to the public, and a research centre in Road Safety and Accident Prevention.

The **School of Public Health** is the most diverse of the Faculty's schools, offering undergraduate majors in areas such as podiatry, nutrition and dietetics, health information management, health services management, paramedic practice, and public health. A range of articulated postgraduate programs is also offered in a number of these areas plus other special fields such as environmental health, health promotion, occupational health and safety, risk management, and health science.

Faculty staff maintain excellent ties with the health industry and work closely with national and international health and welfare organisations. These industry ties ensure that the Faculty's programs deliver relevant skills and respond rapidly to new and

emerging needs in health education in an era of advancing health technology.

The **Faculty of Health** is primarily based at QUT's Kelvin Grove campus, with the School of Psychology and Counselling located at Carseldine campus in the northern suburbs of Brisbane. At Kelvin Grove campus, two purpose-built complexes house state-of-the-art facilities including:

- teaching clinics for Podiatry, Optometry and Human Movement Studies (children's activity and weight management programs, balance and gait assessment, health and fitness appraisals, and exercise prescriptions)
- a Nursing clinical practice laboratory
- Human Movement laboratories for biomechanics, exercise physiology, motor control, and functional anatomy
- student computer laboratories with the latest in general and health-related software
- multimedia lecture theatres and tutorial rooms
- fully equipped research laboratories
- and an ergonomics laboratory.

At Carseldine, a Family Therapy and Counselling Clinic provides supervised clinical experience for Counselling students.

## SENIOR STAFF

### Faculty Office

*Dean:* Professor K. J. Bowman AM, MScOptom *Melb*, LOsc, FAAO

*Assistant Dean (Research):* J.E. Lovie-Kitchin, MSc(Optom) *Melb*, GradDipRehab *La Trobe*, PhD *QUT*, LOsc, FAAO

*Assistant Dean (Teaching and Learning):* R.E. Nash, DipAppAc *QIT*, BA *Qld*, MHlthSc *C. Sturt*, FRANA

*Faculty Administration Manager:* M. Rimland, BA *Qld*

*Health Project Manager:* C.J. Cliff, BSc *ANU*, PhD *Keele*, CChem DipEnvStud *Macq*, GradDipOutdoorEd *Brisbane CAE*, GradDipBusAdmin *QUT*

### School of Human Movement Studies

*Head:* Professor A.W. Parker, MSc PhD *Oregon*, FASMF

*Professor:* A.P. Hills, BEd *Tas*, MSc *Oregon*, PhD *Qld*

### School of Nursing

*Head:* Professor H.E. Edwards, DipAppSc *QIT*, BA (Hons) PhD *Qld*, RN, FRCNA

*Professors:*

J.A. Abbey, PhD *Deakin*

M.D. Courtney, BAdmin(Acctg) *Griff*, MHP *UNSW*, PhD *UNE*, RN, FRCNA

A.M. Chang, DipNEd, BEdSt(Hons), MEdSt, PLD, RN, FRCNA

G. Gardner, BAppSc(AdvNursing) *La Trobe*, MEdSt *Monash*, PhD *Qld*

P. Yates, DipAppSc *QIT*, MSocSc PhD *Qld*, FRCNA

### School of Optometry

*Head:* Professor L.G. Carney, BAppSc MSc(Optom) PhD *Melb*, DSc *QUT*, LOsc, FAAO

*Professor:* D.A. Atchison, MSc(Optom) PhD *Melb*, Grad Cert Ed, FAAO

*Associate Professors:*

M. J. Collins, DipAppSc *QIT*, MAppSc PhD *QUT*, FAAO

K.L. Schmid, BAppSc(Optom)(Hons) Grad Cert Ed(HigherEd) PhD *QUT*

P. G. Swann, BSc(Hons) *Aston*, MAppSc *QUT*, FCOptom, FAAO

J. M. Wood, BSc(Hons) PhD *Aston*, MCOptom, FAAO

**School of Psychology and Counselling**

*Head:* Professor R.M. Young, BSc(Hons) MSc DipClinPsych  
Otago, PhD Qld, MAPS

*Professor:* M.C. Sheehan, BA(Hons) GradDip(Clinical Psych)  
Syd, PhD Qld

*Associate Professors:*

J.D. Davey, DipTeach BEd MEd PhD Qld

R. Schweitzer, BSocSc(Hons) UCT, MA (ClinPsy), PhD Rhodes

I.M. Shochet, BA(Hons) MA(ClinPsych) PhD Johannesburg

**School of Public Health**

*Acting Head:* M.Fleming, DipTeach BEd QUT, MA OhioS, PhD Qld

*Professors:*

B.M. Newman, BA UC Santa Cruz, MS UC Davis, PhD Berkeley

B.F. Oldenburg, BSc(Hons) MPsy PhD NSW

*Associate Professors:*

M.P. Dunne, BA(Hons) PhD Murdoch

C.M. Patterson, MSc PhD Qld, GradDipBusAdmin QUT

D.E. Stewart, BA(Hons) Durh, MA(Ed) Leic, PGCertEd Oxf,

MPH NSW, PhD Otago

**RESEARCH CENTRES****Centre for Health Research**

The Centre for Health Research is a multidisciplinary research centre, fostering collaboration and ground-breaking research across a number of health-related areas. The key strengths of the Centre for Health Research are:

**Ageing**

The effect of an ageing population has been identified as a global health and social issue. The proportion of the Australian population aged over 65 years is increasing significantly. This population shift will result in more people with age-related diseases, but many older Australians remain healthy and contribute substantially to the economy and to their community. Research questions related to both the impact of age-related disease and successful ageing underpin current research projects in the Centre for Health Research.

Research activities in this area relate to community and residential care, pain and symptom management, palliative care, ocular disease and the effects of vision impairment, foot health, gait, mobility and posture analysis, disorders of movement, injury in older people, social identity, families, mental health, nutrition, cognition and cognitive/memory deficits, the older driver, the older worker and active ageing.

**Physical Activity**

The role of physical activity in the maintenance and restoration of health is a significant emerging area. There is increasing evidence of the role of physical activity in the prevention, treatment and management of a range of chronic disorders of increasing prevalence, such as obesity, diabetes, and osteoarthritis, cardiovascular and pulmonary disease. This program of research is aimed at the promotion of physical activity during childhood and adolescence, the prescription of exercise in the context of chronic disease and at community-based health behaviour interventions.

Research into prevention and rehabilitation of occupational and sporting injuries requires assessment of biomechanical, physiological, metabolic, neurological, sensory and psychological factors, concentrating on high-risk groups. Prevention of older peoples' injuries, particularly related to falls, mobility, cognition and driving are also key research areas. Other research into a range of disorders including neurological injury, vision loss, emotional or behavioural disorders in children, peripheral arterial disease and sleep apnea is also being conducted.

**Health and Wellbeing**

Research activities in this area relate to health services, policy and management and population health. Areas of strength include: the management of chronic diseases such as cancer, diabetes, obesity, coronary heart disease and other emerging health conditions including quality of life and resilience; improving the care of hospitalised patients and managing early discharge; health outcomes for disadvantaged populations; health promoting schools and early childhood environments; and prevention and management of mental health problems. Other research areas include environmental health, child maltreatment awareness and prevention, development and implementation of nutrition assessment and screening tools, and evaluation of nutritional status.

Researchers from across the Faculty, within a range of health disciplines, bring to this program knowledge and expertise in health promotion, health care systems and economics, disease management and prevention, epidemiology and biostatistics, and policy and health services management.

**Human Behaviour**

The understanding of psychological processes has advanced considerably over recent decades with advances in methodology and technology. Research in human behaviour embraces fundamental, social, cognitive and developmental processes in psychology. This includes research in attitude theory, group behaviour and decision-making, child and adolescent development, memory, psycholinguistics and the development of reading. Building upon these core research strengths, the opportunities include research in addictive behaviour, eating, exercise, organic mental disorder and health promotion. The research methods range from the use of psychological models to predict health behavioural change to neurobiological approaches.

This research has also informed the development of psychological therapies and counselling, including rehabilitation, treatment of psychological trauma, anxiety disorders and depression, narrative therapy, family therapy and counselling supervision.

**Vision**

Vision research provides an important resource for the community, industry, government and eye-care professions. There are a number of areas of collaboration with research activities in the other programs and across faculties deriving from the main research activities in this program which are: visual optics, including aberrations of the eye and their correction, lens design and performance, myopia and optics of the eye; visual performance studies, including vision rehabilitation, vision and driving and vision and falls; and clinical research into the ocular surface, effects of refractive surgery, colour vision and electroretinography.

**Centre for Accident Research and Road Safety (CARRS-Q)****Accident and Injury Prevention Research**

Road safety and workplace accident prevention are key areas of research that have already led to the successful implementation of behaviour intervention and education programs. The Centre for Accident Research and Road Safety – Queensland (CARRS-Q) is a major collaborative research centre established as a joint venture initiative of the Motor Accident Insurance Commission (MAIC) and QUT. The Centre was created to address the enormous human, economic and social costs resulting from road crashes. It has expanded its research scope to include the broader area of injury prevention with a particular interest in youth and risk-taking behaviours.

The Centre's charter is to identify, assess and initiate innovative priority-driven research and teaching programs leading to the development and implementation of strategies to improve safety on our roads, in our workplaces and in our communities. The Centre aims to strengthen and broaden research and intervention

development in the areas of vulnerable road users, illegal and high-risk behaviours, the human behaviour and technology interface, school and community-based road safety education, and workplace safety.

**Institute of Health and Biomedical Innovation**

The Institute of Health and Biomedical Innovation (IHBI) is Australia's premier interdisciplinary research organisation. IHBI has created a dynamic and entrepreneurial environment by combining the strengths of QUT's Health, Science and Built Environment and Engineering Faculties in a progressive \$55 million building under construction in the Kelvin Grove Urban Village.

IHBI's vision is to create a dynamic collaborative environment by fostering innovation and excellence. IHBI's goal is to translate its unique research outcomes into both globally-competitive commercial assets and strategic advances in public policy for the benefit of the Australian community. This means that IHBI postgraduate researchers will be able to help advance global health care as well as training to be outstanding scientists.

IHBI offers postgraduate students an unparalleled training and career opportunity working with top researchers in a unique state-of-the-art facility. Exciting projects are available in health development, vision improvement and injury prevention as well as in projects associated with other faculties including advanced diagnostics and devices, molecular farming and tissue bio-regeneration. IHBI also provides unique opportunities to work directly with young biotech start-up companies and multinational commercial programs. This unique portfolio of opportunities helps make IHBI a highly progressive postgraduate training environment for the real world.

## ■ Doctor of Health Science (HL90)

**Award title:** Doctor of Health Science

**CRICOS code:** 037680K

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288 (96 coursework credit points and 192 research portfolio credit points)

**Standard credit points per semester (full-time):** 48 (average)

**Course coordinator:** Assoc Prof Carla Patterson

### Major Study Areas

- Health Services Management and Policy Sciences
- Nursing
- Occupational and Environmental Health Sciences
- Public Health

### Entry Requirements

Applicants should hold a four-year degree or its equivalent with Honours I or Honours IIA or its equivalent from QUT or another recognised institution, and two years practice in a position of professional responsibility appropriate to the proposed course of study.

If, in the Dean's opinion the candidate has not completed substantial professional practice, then the candidate will be required to gain substantial professional experience during the course of the doctorate.

### Application for Admission

Before submitting an application, potential candidates should contact the Course Coordinator who will assist in the preparation of the application.

Candidates should apply on the appropriate form, supplying any specified documentation. The application should be accompanied by a brief proposal for the course of study and the research field.

### Advanced Standing and Articulation

Advanced standing of up to a maximum of 96 credit points may be granted to candidates who have completed an appropriate Masters qualification or its equivalent.

The Doctor of Health Science articulates with the Master of Health Science. Students in the MHLthSc who select their program of study to be consistent with the coursework requirements for the Doctor of Health Science will be eligible for the full credit of 96 credit points.

### Course Structure

Students undertake 96 credit points of coursework units and 192 research portfolio credit points. The coursework is chosen from the major study areas and must be completed before proceeding to the research component.

To achieve the appropriate advanced levels students:

- choose one of the major study areas list above
- complete four (4) units from this major study area (at least two units must be from List B)
- complete two (2) units in research methods
- complete two (2) approved elective units from either List A or B.

### Full-time Course Structure

#### Year 1, Semester 1

Research Methods Core Unit 1  
Research Methods Core Unit 2  
Major Study Unit 1  
Major Study Unit 2

#### Year 1, Semester 2

Major Study Unit 3  
Major Study Unit 4

PUR202 Advanced Doctoral Studies  
Elective Unit

#### Year 2, Semester 1

HLR710-1 Research Project  
HLR710-2 Research Project

#### Year 2, Semester 2

HLR710-3 Research Project  
HLR710-4 Research Project

#### Year 3, Semester 1

HLR710-5 Research Project  
HLR710-6 Research Project

#### Year 3, Semester 2

HLR710-7 Research Project  
HLR710-8 Research Project

### Part-time Course Structure

#### Year 1, Semester 1

Research Methods Core Unit 1  
Major Study Unit 1

#### Year 1, Semester 2

Major Study Unit 2  
PUR202 Advanced Doctoral Studies

#### Year 2, Semester 1

Research Methods Core Unit 2  
Major Study Unit 3

#### Year 2, Semester 2

Major Study Unit 4  
Elective Unit

#### Year 3, Semester 1

HLR710-1 Research Project

#### Year 3, Semester 2

HLR710-2 Research Project

#### Year 4, Semester 1

HLR710-3 Research Project

#### Year 4, Semester 2

HLR710-4 Research Project

#### Year 5, Semester 1

HLR710-5 Research Project

#### Year 5, Semester 2

HLR710-6 Research Project

#### Year 6, Semester 1

HLR710-7 Research Project

#### Year 6, Semester 2

HLR710-8 Research Project

### Research Methods Core Units and Major Study Area Units

#### Research Methods Core Units

Two units must be completed from the following:

HLN405 Qualitative Research  
HLN705 Introduction to Quantitative Research Methods  
PUN105 Health Statistics  
HLN706 Advanced Quantitative Research Methods

**Note:** students who have completed PUB316 (or equivalent) are ineligible to undertake HLN705.

#### Major Study Area Units

Students must complete four units from their major study area (at least two of which are selected from List B). Two additional elective units can be chosen from either List A or B.

#### Health Services Management and Policy Sciences

##### List A

PUN601 Contemporary Health Policies  
PUN602 Health Planning, Management and Evaluation  
PUN608 Health Economics  
PUN610 Health Services Management

##### List B

HLN701 Independent Study  
PUN615 Advanced Health Service Management  
PUR200 Emerging Issues in Public Health  
PUR201 Advanced Professional Studies

#### Public Health

##### List A

PUN103 Advanced Epidemiology  
PUP035 Health Promotion Strategies and Evaluation

##### List B

HLN701 Independent Study  
PUP034 Advanced Studies and Practice in Health Promotion  
PUR200 Emerging Issues in Public Health  
PUR201 Advanced Professional Studies

**Occupational and Environmental Health Sciences**

## List A

PUN008	Risk Assessment
PUN617	Environmental Health Management
PUP415	Occupational and Environmental Health
PUN302	Determinants of Workplace Injury and Disease

## List B

PUN010	Implementing Risk Management
PUR200	Emerging Issues in Public Health
PUR201	Advanced Professional Studies
HLN701	Independent Study
PUP250	Occupational and Environmental Monitoring

**Nursing**

(Only available to candidates eligible for registration as a nurse in Australia.)

## List A

NSN502	Critical Inquiry in Health Care
NSN507	Contemporary Practice Issues
NSN515	Clinical Leadership and Management

## List B

HLN701	Independent Study
NSR001	Advanced Nursing Studies
NSN508	Advanced Readings in Nursing

**Electives**

Selected from List A or List B. Units from other discipline fields may be considered after consultation.

## ■ Master of Applied Science (Research) (HL84)

**Award title:** Master of Applied Science (Research)

**CRICOS code:** 007897G

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 1-2 years

**Course duration (part-time):** 2-4 years

**Course coordinator:** Assoc Prof Jan Lovie-Kitchin

**Entry Requirements**

A Bachelor degree in health science, applied science or other approved degree from Queensland University of Technology, or an equivalent qualification, or submission of such other evidence of qualifications as will satisfy the academic board that the applicant possesses the capacity to pursue the course of study. If students are admitted as a provisional candidate, they will be required to submit a detailed research proposal at the end of the first year of candidacy.

**Application for Admission**

The Master of Applied Science (Research) program is administered by the Health Academic Board through its Faculty Research Committee.

Applications for admission should set out fully the candidate's intended course of study. The proposed course of study should include the area of study, the coursework to be undertaken, the proposed title of the thesis to be written, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

Approval of applications is subject to the receipt of a statement of support from the Head of School and Director of Centre in which the proposed research program is to be undertaken.

**Course Structure**

Students undertake a program of research and investigation on a topic approved by the Faculty Research Committee. Students may be required to undertake an appropriate course of study concurrently with the research program. The course of study normally includes: a program of assessed coursework; participation in University scholarly activities such as research seminars, teaching and publication; regular face-to-face interaction with supervisors; and a program of supervised research and investigation.

**Course Coordination**

Students undertake their program of research through one of the Faculty's Schools. Research expertise within the Faculty covers activities in ageing; physical activity, disability, injury and rehabilitation; health and wellbeing; human behaviour; vision; and accident research. Potential students are encouraged to contact the relevant School or Research Centre prior to submitting an application to discuss the proposed research project, supervision and facilities.

## ■ Master of Clinical Psychology (PY18)

**Award title:** Master of Clinical Psychology

**CRICOS code:** 052769J

**Location:** Carseldine

**Course duration (full-time):** 4 semesters

**Course duration (part-time):** 8 semesters

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Robert Schweitzer

**Career opportunities**

Graduates are eligible to register as Psychologists. The course prepares graduates to work in a wide range of hospital, community and private practice settings, in areas that require clinical and psychotherapy skills, case management, management of health services, needs assessment and program evaluation, health promotion and education, and supervision.

**Entry Requirements**

Applicants should hold APS approved four years training or its equivalent from QUT or another recognised institution. A minimum requirement for eligibility for entry is a GPA of 5 or above in their fourth year and two referee reports. Referees will be required to comment on: the academic and personal suitability of the candidate and their overall level of support for the candidate's application. International students will require an IELTS score of 6.5 and will need certification by the Australian Psychological Society that their degree is equivalent to an APS approved four years training in psychology or its equivalent from QUT or another recognised institution. All applicants will be required to attend an interview to assess their interpersonal skills in a clinical context. In the case of international applicants, this will be conducted via telephone.

The requirement to obtain a suitability notice for working with youth under the Child Protection Act (2001) does not apply to candidates who are registered with the Psychologists Board of Queensland.

**Professional recognition**

The course is designed to meet the accreditation requirements of the Australian Psychological Society (APS), the College of Clinical Psychologists and the Psychologists Board of Queensland and provides a graduate with eligibility to apply to register as a Psychologist in Queensland or any other state or territory in Australia.

**Registration requirements**

All students who will be seeking registration with the Queensland Psychologists Board as a Registered Psychologist will be required to register with the Queensland Psychologists Board for the duration of the program as a Psychologist with Probationary Conditions.

**Full-time Course Structure****Year 1, Semester 1**

PYN026	Clinical Psychological Interventions 1
PYN027	Clinical Psychological Assessment
PYN035	Supervised Practicum 1
PYN028	Clinical Psychopathology

**Year 1, Semester 2**

PYN029	Clinical Psychological Interventions 2
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PYN030 Professional Practice in Clinical Psychology  
 PYN036 Supervised Practicum 2  
 PYN005 Research Methods and Issues; Evidence Based Practice

**Year 2, Semester 1**

PYN034 Childhood Psychopathology and Treatment  
 PYN031-1 Research Thesis (Part 1)  
 PYN031-2 Research Thesis (Part 2)  
 PYN037 Supervised Practicum 3

**Year 2, Semester 2**

PYN031-3 Research Thesis (Part 3)  
 PYN031-4 Research Thesis (Part 4)  
 PYN038 Supervised Practicum 4  
 PYN039 Health Psychology and Rehabilitation

**Part-time Course Structure**

**Year 1, Semester 1**

PYN026 Clinical Psychological Interventions 1  
 PYN027 Clinical Psychological Assessment

**Year 1, Semester 2**

PYN029 Clinical Psychological Interventions 2  
 PYN030 Professional Practice in Clinical Psychology

**Year 2, Semester 1**

PYN028 Clinical Psychopathology  
 PYN035 Supervised Practicum 1

**Year 2, Semester 2**

PYN005 Research Methods and Issues; Evidence Based Practice  
 PYN036 Supervised Practicum 2

**Year 3, Semester 1**

PYN031-1 Research Thesis (Part 1)  
 PYN034 Childhood Psychopathology and Treatment

**Year 3, Semester 2**

PYN031-2 Research Thesis (Part 2)  
 PYN039 Health Psychology and Rehabilitation

**Year 4, Semester 1**

PYN031-3 Research Thesis (Part 3)  
 PYN037 Supervised Practicum 3

**Year 4, Semester 2**

PYN031-4 Research Thesis (Part 4)  
 PYN038 Supervised Practicum 4

**■ Master of Counselling (PY12)**

**Award title:** Master of Counselling

**Location:** Carseldine

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Course coordinator:** Mr David Axten

**Overview**

The Master of Counselling offers preparation for a specialised position in counselling to practitioners in the counselling field and social-science graduates, and meets training requirements for PACFA registration. It also provides knowledge, understanding and skills that will contribute to the development and practice of counselling in the professional environment.

**Entry Requirements**

An approved degree in a human-service or related area; at least two years work experience; access to ongoing counselling work with clients; and personal suitability.

**Course structure**

**Year 1, Semester 1**

PYN000 Counselling Studies 1  
 PYN001 Professional Studies 1

**Year 1, Semester 2**

PYN002 Counselling Studies 2  
 PYN003 Group Studies

**Year 2, Semester 1**

PYN004 Counselling Studies 3  
 PYN006 Professional Studies 2

**Year 2, Semester 2**

PYN014 Research for Counselling Practice, plus ONE unit from:  
 PYN013 Advanced Counselling Studies  
 Elective

**Year 3, Semester 1**

PYN007 Professional Studies 3  
 PYN008-1 Project (Part 1)

**Year 3, Semester 2**

PYN008-2 Project (Part 2)  
 PYN008-3 Project (Part 3)

**■ Master of Counselling Psychology (PY17)**

**Award title:** Master of Counselling Psychology

**CRICOS code:** 043120C

**Location:** Carseldine

**Course duration (full-time):** 4 semesters

**Course duration (part-time):** 8 semesters

**Total credit points:** 192

**Course coordinator:** Associate Professor Robert Schweitzer

**Entry Requirements**

A recognised, APS-accredited fourth year of training.

All applicants are required to attend an interview to assess their interpersonal skills in a counselling context (in the case of international applicants this will be conducted by telephone).

FOR CONTINUING STUDENTS ONLY

**Full-time Course Structure**

**Semester 1**

PYN005 Research Methods and Issues; Evidence Based Practice  
 PYN026 Clinical Psychological Interventions 1  
 PYN027 Clinical Psychological Assessment  
 PYN035 Supervised Practicum 1

**Semester 2**

PYN028 Clinical Psychopathology  
 PYN029 Clinical Psychological Interventions 2  
 PYN030 Professional Practice in Clinical Psychology  
 PYN036 Supervised Practicum 2

**Semester 3**

PYN031-1 Research Thesis (Part 1)  
 PYN031-2 Research Thesis (Part 2)  
 PYN037 Supervised Practicum 3  
 Elective

**Semester 4**

PYN031-3 Research Thesis (Part 3)  
 PYN031-4 Research Thesis (Part 4)  
 PYN038 Supervised Practicum 4  
 Elective

**Part-time Course Structure**

**Year 1, Semester 1**

PYN026 Clinical Psychological Interventions 1  
 PYN027 Clinical Psychological Assessment

**Year 1, Semester 2**

PYN029 Clinical Psychological Interventions 2  
 PYN030 Professional Practice in Clinical Psychology

**Year 2, Semester 1**

PYN035 Supervised Practicum 1  
 Elective

**Year 2, Semester 2**

PYN028 Clinical Psychopathology  
 PYN036 Supervised Practicum 2

**Year 3, Semester 1**

PYN005 Research Methods and Issues; Evidence Based Practice  
 PYN031-1 Research Thesis (Part 1)

**Year 3, Semester 2**

PYN031-2 Research Thesis (Part 2)  
 PYN031-3 Research Thesis (Part 3)

**Year 4, Semester 1**

PYN031-4 Research Thesis (Part 4)  
 PYN037 Supervised Practicum 3

**Year 4, Semester 2**

PYN038 Supervised Practicum 4  
 Elective

**■ Master of Health Science (HL88)**

**Award title:** Master of Health Science (Study Area A)

**CRICOS code:** 009030K

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Course duration (external):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Course Structure

The course consists of at least eight (8) units offered by the Schools of the Faculty of Health (List A). The remaining four units can be taken as four elective units either from List A or List B. An array of elective units allow students to either specialise in their professional discipline or to choose a coherent group of units from more than one specialist area.

To complete a major in any of the major areas of study students must complete at least four units (48 credit points) in that discipline area.

Candidates can choose electives from a wide range of university postgraduate units, but these must be approved by the course and subject-area coordinators.

Students with a four-year degree or three-year degree with additional one-year honours may be able to obtain advanced standing up to a maximum of 48 credit points for previous study.

### Special Notes

Students can only graduate with one specified major (ie only one major will appear on the official academic record). Students may elect to change majors during their course as appropriate but should seek academic advice before doing so.

Students cannot normally enrol directly in the Masters Degree in the area of Health, Safety and Environment unless they have completed relevant undergraduate qualifications in this area to the satisfaction of the course coordinator. Special consideration may be given on an individual basis.

### Course Articulation

Student who complete the Master of Health Science may be eligible for up to one year of advanced standing in HL90 Doctor of Health Science.

After successfully completing the equivalent of two semesters full-time study, students may exit the program with a Graduate Diploma in Health Science.

After successfully completing the equivalent of one semester of full-time study, students may exit the program with a Graduate Certificate in Health Science.

HL38 Graduate Certificate in Health Science, HL68 Graduate Diploma in Health Science and PU65 Graduate Diploma in Health, Safety and Environment, fully articulate into HL88 Master of Health Science.

NS64 Graduate Diploma in Nursing and NS85 Master of Nursing students may apply for a maximum of 48 credit points of advanced standing (equivalent to List B) towards HL88 Master of Health Science. No advanced standing will be granted towards HL38 Graduate Certificate in Health Science or HL68 Graduate Diploma in Health Science. This is in addition to any List A units completed.

The following courses also articulate with the Master of Health Science:

- Graduate Certificate in Aged Care
- Graduate Certificate in Ambulance Management (QAS)
- Graduate Certificate in Community Practice
- Graduate Certificate in Environmental Health
- Graduate Certificate in Health Management (QH)
- Graduate Certificate in Health Promotion
- Graduate Certificate in Health Services Management
- Graduate Certificate in Risk Management
- Graduate Certificate in Women's Health

### Full-time Course Structure

#### Year 1, Semester 1

Select four units

#### Year 1, Semester 2

Select four units

#### Year 2, Semester 1

Select from:

Four units, or

HLN703 Project A, plus two units, or

HLN708 Project, or

HLN700 Thesis

### Part-time Course Structure

#### Year 1, Semester 1

Select two units

#### Year 1, Semester 2

Select two units

#### Year 2, Semester 1

Select two units

#### Year 2, Semester 2

Select two units

#### Year 3, Semester 1

Select from:

Two units, or

HLN703 Project A, or

HLN750/1 Thesis

#### Year 3, Semester 2

Select from:

Two units, or

HLN703 Project A, or

HLN704 Project B, or

HLN750/2 Thesis

### Unit List

#### List A - Major Areas of Study

##### AGED CARE

NSN626 Dementia and Family Care

NSN801 Health Assessment in Aged Care

NSN821 Key Issues in Aged Care

NSN822 Principles of Aged Care Practice

##### ENVIRONMENTAL HEALTH

PUN363 Environmental Health Law

PUN465 Environmental Protection

PUN467 Public Health Risk Assessment

PUN620 Concepts of Environmental Health

##### HEALTH SERVICES MANAGEMENT

PUN601 Contemporary Health Policies

PUN602 Health Planning, Management and Evaluation

PUN608 Health Economics

PUN609 Health Care Finance

PUN610 Health Services Management

PUN615 Advanced Health Service Management

PUN692 Health Care Delivery Systems

##### HEALTH PROMOTION

PUP032 Intervention Design and Theories of Change

PUP034 Advanced Studies and Practice in Health Promotion

PUP035 Health Promotion Strategies and Evaluation

PUP036 Concepts and Settings for Health Promotion

HEALTH, SAFETY AND ENVIRONMENT (not available as a major)

PUN500 Systems Safety for Health, Safety and Environment

PUN001 Contemporary Risk Management

PUN008 Risk Assessment

PUN301 Health, Safety and Environmental Law and Management

PUN302 Determinants of Workplace Injury and Disease

PUP116 Ergonomics

PUP250 Occupational and Environmental Monitoring

PUP415 Occupational and Environmental Health

##### RISK MANAGEMENT

EFN418 Introduction to Financial Risk Management

PUN001 Contemporary Risk Management

PUN008 Risk Assessment

PUN010 Implementing Risk Management

##### WOMEN'S HEALTH

NSN509 Special Topic

NSN516 Sexual Reproductive Health

NSN517 Women's Health Issues

Elective

#### Additional List A Units

##### RESEARCH METHODS ELECTIVES

HLN405 Qualitative Research

HLN705 Introduction to Quantitative Research Methods  
 HLN706 Advanced Quantitative Research Methods  
 PUN105 Health Statistics

## RESEARCH UNITS

HLN701 Independent Study  
 HLN703 Project A  
 HLN704 Project B  
 HLN708 Project  
 HLN700 Thesis, or  
 HLN750 Thesis

## GENERAL HEALTH ELECTIVES

PUN103 Advanced Epidemiology  
 PUN106 Population Health  
 PYN026 Clinical Psychological Interventions 1  
 PYN029 Clinical Psychological Interventions 2  
 PYN460 Advanced Interventions For Addictive Behaviours  
 PYP401 Introduction to Road Safety  
 PYP402 Traffic Psychology and Behaviour  
 PYP404 Applying Traffic Psychology

## UNDERGRADUATE HEALTH ELECTIVES

(maximum two permitted)

HMB361 Functional Anatomy 2  
 HMB362 Biomechanics 2  
 HMB371 Motor Control And Learning 2  
 HMB374 Psychology of Rehabilitation  
 HMB381 Exercise Physiology 2  
 HMB384 Injury Prevention and Rehabilitation  
 HMB480 Advanced Exercise Prescription  
 PUB509 Nutrition  
 PUB514 Contract/Project Management  
 PUB609 Health Resource Allocation  
 PUB644 Health Promoting Schools

**List B Elective (not available to HL38 or HL68 students)**

## ADVERTISING, MARKETING AND PUBLIC RELATIONS

AMN461 Corporate Media Strategy and Tactics  
 AMN463 Public Opinion and Public Relations  
 AMN465 Public Relations Management  
 AMN467 Public Relations Campaigns

## BUSINESS MANAGEMENT

GSN207 Organisational Analysis and Consulting  
 MGN402 Government-Business Relations  
 MGN409 Introduction to Management  
 MGN412 People in Organisations  
 MGN421 Strategic HRM  
 MGN422 Contemporary Issues and Practices in Employee Relations  
 MGN424 International Dimensions of HRM  
 MGN425 The Context of Public Management  
 MGN426 International Trends in Public Management  
 MGN427 Human Resource Management  
 MGN505 Consulting and Change Management  
 MGN516 Policy Analysis  
 MGN517 Program Management and Evaluation

## ACCOUNTANCY

AYN410 Business Law and Ethics  
 AYN416 Financial Accounting 1  
 AYN447 Issues in Electronic Commerce

## CREATIVE INDUSTRIES

KCP110 Global Media and Communications Policy

## LEGAL AND JUSTICE STUDIES

JSP151 Policy, Governance and Justice  
 JSP152 Administrative Justice  
 JSP154 Human Rights and Global Justice  
 LWS006 Health, Ethics And The Law

## EDUCATION

SPN621 Adult And Workplace Education: Principles And Practices  
 SPN622 Preventive Legal Risk Management in Learning contexts  
 SPN623 Strategic Workplace Education and the Learning Organisation  
 SPN624 Adult and Professional Learning

## PHILANTHROPY AND NONPROFIT STUDIES

AMN482 Marketing for the Nonprofit Sector  
 GSN224 Corporate Philanthropy  
 GSN232 Fundraising Principles  
 GSN481 Philanthropic and Nonprofit Frameworks of Governance  
 GSN482 Philanthropic and Nonprofit Economics  
 GSN483 Ethics for Philanthropic and Nonprofit Organisations  
 GSN484 Management for Philanthropic and Nonprofit Organisations  
 GSN485 Legal Issues for Philanthropic and Nonprofit Organisations

GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations  
 (GSN481-6 subject to approval)

**■ Master of Nursing (NS85)**

**Award title:** Master of Nursing (Study Area A)

**CRICOS code:** 012644J

**Location:** Kelvin Grove

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Course duration (external):** 3 semesters (full-time) or 6 semesters (part-time) except mental health major

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

**Majors**

The following majors are offered in this course:

- Aged Care
- Cancer Nursing
- Community Practice
- Intensive Care Nursing ~
- Medical/Surgical Nursing
- Mental Health
- Midwifery \*^
- Paediatric, Child and Youth Health ~
- Professional Studies
- Women's Health

\* Midwifery is not offered in the Graduate Diploma in Nursing but is offered in a separate Graduate Diploma in Midwifery which articulates with the Master of Nursing.

^ Only offered in the February intake

~ For the July intake this major is only offered a part-time basis

**Course Structure**

The course structures offer a wider range of pathways for nurses working in diverse settings, while at the same time ensuring opportunities for in-depth study to develop an advanced level of competence in selected areas of nursing practice. Students may undertake one of ten different majors.

The Master of Nursing consists of the content of the Graduate Diploma in Nursing plus a further 48 credit points. Students who wish to graduate with a specified major in the Master of Nursing (except Professional Studies) will be required to complete the 96 credit points of the Graduate Diploma in Nursing units relevant to that major and undertake either a 48 credit point thesis or an additional 24 credit points of the remaining 48 credit points at the masters level in units also relevant to that major. These 24 credit points can be undertaken by completing relevant coursework units, a 24 credit point clinical project or a 24 credit point thesis relevant to the major.

Students who wish to graduate from the Master of Nursing with a major in Professional Studies will be required to complete the 96 credit points of the Graduate Diploma in Nursing, and can then choose to complete the remaining 48 credit points at the masters level either by coursework, project or thesis. The coursework units may be selected from any postgraduate level units offered within the University for which the student has the necessary prerequisite.

The Master of Nursing may be undertaken both in the full-time and part-time modes. Students may complete their program by internal or external mode.

**Course Pathways/ Articulation**

The Graduate Diploma in Nursing and the Master of Nursing fully articulate and are offered for domestic and overseas students who are eligible for registration as a nurse with the Queensland Nurses Council (QNC).

Students who complete the Master of Nursing may also be eligible for up to 96 credit points advanced standing in HL90 Doctor of Health Science.

### Full-time Course Structure

#### Semester 1 and Semester 2

Students are required to complete the two semesters of the Graduate Diploma in Nursing content in their major area of study or the Graduate Diploma in Midwifery before continuing onto the third semester of the Master of Nursing

#### Semester 3

- |        |   |
|--------|---|
|        | Four (4) electives (List A) each of 12 credit points, or                      |
| NSN506 | Clinical Project, and two (2) electives (List A) each of 12 credit points, or |
| NSN850 | Thesis (Full-time)  |

### Part-time Course Structure

#### Semesters 1 to 4

Students are required to complete the four semesters of the Graduate Diploma in Nursing content in their major area of study before continuing onto the Master of Nursing.

#### Semesters 5 and 6

- Two (2) electives from List A, and  
Two (2) electives from List B, or

#### Semesters 5 and 6

- Two (2) electives from List A, and  
NSN506 Clinical Project, or

#### Semesters 5 and 6

- NSN506 Clinical Project, and  
Two (2) electives from List B, or

#### Semester 5 and 6

- NSN825 Thesis (Part-Time), and  
NSN825 Thesis (Part-Time)

### Elective Lists

#### List A (Semester 1)

- |        |  |
|--------|--|
| HLN705 | Introduction to Quantitative Research Methods      |
| HLN706 | Advanced Quantitative Research Methods             |
| HLN405 | Qualitative Research                               |
| NSN721 | Key Issues in Emergency and Intensive Care Nursing |
| NSN002 | Key Issues in Child and Youth Health Nursing       |
| NSN821 | Key Issues in Aged Care                            |
| NSN801 | Health Assessment in Aged Care                     |
| NSN701 | Advanced Health Assessment                         |
| NSN517 | Women's Health Issues                              |
| NSN508 | Advanced Readings in Nursing                       |

#### List B (Semester 2)

- |        |   |
|--------|---|
| HLN405 | Qualitative Research                                  |
| NSN508 | Advanced Readings in Nursing                          |
| NSN509 | Special Topic   |
| NSN723 | Specialisation in Critical Care Nursing               |
| NSN725 | Specialisation in Medical/Surgical and Cancer Nursing |
| NSN626 | Dementia and Family Care                              |
| NSN516 | Sexual Reproductive Health                            |
| NSN929 | Psychosocial Rehabilitation                           |
| NSN502 | Critical Inquiry in Health Care                       |
| NSN523 | Clinical Studies                                      |
| NSN722 | Principles of Intensive Care Nursing                  |

\* In selected modules, students studying NSN723 and NSN725 must be working in a practice setting relevant to the areas of study, or be willing to undertake additional clinical experiences. Contact the course coordinator for further information.

## ■ Master of Public Health (PU85)

**Award title:** Master of Public Health (Study Area A)

**CRICOS code:** 009029C

**Location:** Kelvin Grove

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Course duration (external):** 3 semesters (full-time) or 6 semesters (part-time)

**Total credit points:** 144

**Course coordinator:** Dr Elizabeth Parker

### Specialised Streams Units

Offered in the areas of:

- Health Services Management and Policy Sciences

- Occupational and Environmental Health Science
- Health Promotion
- Epidemiology and Research Methods

There is also the option of not completing a major and choosing units from more than one stream.

### Course Structure

Students elect between three options:

Option 1. Full Coursework (no project or thesis component)

Consists of four core units, one research methods unit (HLN405, HLN705 or HLN706), and seven advanced elective units. Elective units will normally be selected according to choice of a major or stream of study, or more than one stream where the no major option is chosen.

Option 2. Coursework with a project component

Consists of four core units, one research methods unit (HLN405, HLN705 or HLN706), five advanced elective units and one project unit (HLN703). Elective units will normally be selected according to choice of a major or stream of study, or more than one stream where the 'no major' option is chosen.

Option 3. Coursework with a thesis component

Full-time students in the program undertake a course work component in their first two semesters (full-time) or four semesters (part-time), followed by a dissertation component of one semester (or two semesters part-time). The course work component comprises of four core units and four advanced elective units. Elective units will normally be selected according to choice of a major or stream of study, or more than one stream where the 'no major' option is chosen.

### Full-time Course Structure

#### PART A - Semester 1 - Core Units (Option 1, 2, 3)

- |        |   |
|--------|---|
| PUN105 | Health Statistics                             |
| PUN692 | Health Care Delivery Systems                  |
| PUN702 | Social and Behavioural Determinants of Health |
| PUN743 | Introduction to Epidemiology                  |

#### PART B - Semester 2 - Advanced Elective Units offered by QUT (Option 1, 2, 3)

- 4 electives from same major, or  
4 electives across majors

#### PART C - Semester 3 - Coursework (Option 1 only)

- Students select further electives from advanced elective list,  
or

#### PART C - Semester 3 - Project (Option 2 only)

- HLN703 Project A, plus electives from advanced elective list, or

#### PART C - Semester 3 - Dissertation (Option 3 only)

- HLN700 Thesis

### Part-time Course Structure

#### PART A - Semester 1 - Core Units

- |        |                              |
|--------|------------------------------|
| PUN692 | Health Care Delivery Systems |
| PUN105 | Health Statistics            |

#### PART B - Semester 2 - Advanced Elective Units Offered By QUT (Option 1, 2, 3)

- 2 electives from same major, or  
2 electives across majors

#### PART A - Semester 3 - Core Units

- |        |   |
|--------|---|
| PUN702 | Social and Behavioural Determinants of Health |
| PUN743 | Introduction to Epidemiology                  |

#### PART B - Semester 4 - Advanced Elective Units Offered By QUT (Option 1, 2, 3)

- 2 electives from same major, or  
2 electives from across majors

#### PART C - Semester 5 & 6 - Coursework (Option 1 only)

- Students select further electives from advanced elective list,  
or

#### PART C - Semester 5 & 6 - Project (Option 2 only)

- HLN703 Project A, or

#### PART C - Semester 5 & 6 - Dissertation (Option 3 only)

- HLN750 Thesis

### Course Structure - Advanced Elective Unit List

#### Health Services Management and Policy Sciences

- |        |                              |
|--------|------------------------------|
| PUN601 | Contemporary Health Policies |
|--------|------------------------------|

PUN602	Health Planning, Management and Evaluation
PUN608	Health Economics
PUN609	Health Care Finance
PUN610	Health Services Management
PUN615	Advanced Health Service Management
<b>Occupational and Environmental Health Science</b>	
EFN418	Introduction to Financial Risk Management
MEP201	Safety Technology and Practice
PUN001	Contemporary Risk Management
PUN008	Risk Assessment
PUN010	Implementing Risk Management
PUN301	Health, Safety and Environmental Law and Management
PUN302	Determinants of Workplace Injury and Disease
PUN617	Environmental Health Management
PUN620	Concepts of Environmental Health
PUP116	Ergonomics
PUP250	Occupational and Environmental Monitoring
PUP415	Occupational and Environmental Health

**Health Promotion**

To qualify for the Health Promotion major, students must complete:

PUP032	Intervention Design and Theories of Change
PUP034	Advanced Studies and Practice in Health Promotion, and at least one unit from:
PUB644	Health Promoting Schools

**Epidemiology and Research Methods**

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods
PUN103	Advanced Epidemiology
PUN814	Principles of Epidemiology (UQ)
PUN850	Epidemiology and Disease Control (UQ)

## ■ Postgraduate Diploma in Psychology (PY20)

**Award title:** Post Graduate Diploma in Psychology

**CRICOS code:** 034714G

**Location:** Carseldine

**Course duration (full-time):** 2 semesters (February only)

**Course duration (part-time):** 4 semesters (may not be available by evening study)

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Herbert Biggs

**Entry Requirements**

An undergraduate degree accredited by the Australian Psychological Society (APS) as an entry point into an Honours Psychology program, (for example QUT's PY45 Bachelor of Behavioural Science (Psychology)) with a minimum grade point average (GPA) of 5 achieved in the second and third-year APS accredited Psychology units.

**QUT Applicants**

For applicants with a QUT Bachelor's award, the base level requirements for consideration for inclusion in the Postgraduate Diploma in Psychology program will be:

\* a minimum overall Grade Point Average of 5 in prescribed second and third year Psychology units or their equivalent, specifically:

PYB201	Perception
PYB203	Developmental Psychology
PYB205	Social Psychology
PYB206	Personality
PYB208	Counselling Theory and Practice 1
PYB210	Research Design and Data Analysis
PYB302	Industrial and Organisational Psychology
PYB303	Cognitive Psychology
PYB304	Physiological Psychology
PYB306	Psychopathology
PYB311	Psychological Assessment

**Non-QUT Applicants**

For applicants with Bachelor's awards other than from QUT, similar requirements will be expected.

Certified copies of complete academic transcripts must be provided with applications.

**Course Structure**

The course comprises eight 12 credit point units. Coursework includes the compulsory unit PYB407 Research and Professional Development Seminar; plus elective units, chosen from advanced cognitive, organisational/counselling theory. The research component of the program entails one Research Methods unit and a thesis. PYB450 Research Thesis is undertaken in modules throughout the program. Initially students will complete an independent review of the literature and prepare an outline for a research proposal. This will then form the basis of a negotiated group project, for which students independently collect, write up and analyse agreed specific components of the data. All coursework units have 3 contact hours per week. The contact for research thesis units is as required by the supervisor.

**Full-time Course Structure****Year 1, Semester 1**

PYB450-1 Research Thesis (Part 1), plus ONE research methods unit selected from the following options:

PYB401	Advanced Research Methods
HHB232	Survey Methods, plus TWO advanced psychology units selected from the following options:
PYB402	Counselling Psychology
PYB403	Cognitive Neuropsychology
PYB404	Issues in Social Developmental Psychology
PYB405	Advanced Organisational Psychology
PYB408	Advanced Social Cognition

**Year 1, Semester 2**

PYB407	Research and Professional Development Seminar
PYB450-2	Research Thesis (Part 2)
PYB450-3	Research Thesis (Part 3), plus ONE cognate elective, at 3rd year level or above, selected from a list approved by the Course Coordinator.

**Part-time Course Structure****Year 1, Semester 1**

Option A	
Two units from the following options:	
PYB402	Counselling Psychology
PYB403	Cognitive Neuropsychology
PYB404	Issues in Social Developmental Psychology
PYB405	Advanced Organisational Psychology
PYB408	Advanced Social Cognition, or

**Option B**

One unit from the following options:	
PYB402	Counselling Psychology
PYB403	Cognitive Neuropsychology
PYB404	Issues in Social Developmental Psychology
PYB405	Advanced Organisational Psychology
PYB408	Advanced Social Cognition, and
One unit from the following options:	
PYB401	Advanced Research Methods
HHB232	Survey Methods

**Year 1, Semester 2**

PYB407	Research and Professional Development Seminar, and One cognate elective, at 3rd year level or above, selected from a list approved by the course coordinator
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**Year 2, Semester 1**

PYB450-1	Research Thesis (Part 1), and
Option A Continued	
One unit from the following options:	
PYB401	Advanced Research Methods
HHB232	Survey Methods, or
Option B Continued	
One further unit from the following options:	
PYB402	Counselling Psychology
PYB403	Cognitive Neuropsychology
PYB404	Issues in Social Developmental Psychology
PYB405	Advanced Organisational Psychology
PYB408	Advanced Social Cognition

**Year 2, Semester 2**

PYB450-2 Research Thesis (Part 2)

PYB450-3 Research Thesis (Part 3)

**■ Graduate Diploma in Environmental Health (PU67)****Award title:** Graduate Diploma in Environmental Health**Location:** Kelvin Grove**Course duration (full-time):** 2 semesters**Course duration (part-time):** 4 semesters**Course coordinator:** Dr Elizabeth Parker**Overview**

The Graduate Diploma in Environmental Health provides the knowledge and skills required for graduates to be employed as environmental health practitioners and in particular they will be eligible to practise as environmental health officers. This award provides students with undergraduate degrees in science, environmental science, nursing, health science or public health an entry pathway into environmental health professional practice.

**Entry Requirements**

Applicants for admission require an undergraduate degree in a relevant area such as science, environmental science, nursing, health science, or public health. Applicants also require to have completed a minimum of 48 credit points of basic science in units such as chemistry, physics, microbiology, anatomy and physiology or life science.

**Course Articulation**

This program articulates into the Master of Health Science (HL88).

**Course Structure**

Students follow a prescribed enrolment program and are required to complete seven units in environmental health and one elective unit.

**Year 1, Semester 1**

PUN620 Concepts of Environmental Health

PUN363 Environmental Health Law

PUN364 Food Safety  
Elective**Year 1, Semester 2**

PUN617 Environmental Health Management

PUN466 Communicable diseases

PUN465 Environmental Protection

PUN467 Public Health Risk Assessment

**Elective list**

PUN106 Population Health

HLN705 Introduction to Quantitative Research Methods

PUN634 International Health Management and Planning

PUN635 Evidence Based Health Policy

PUP038 New Developments in Health Promotion

**■ Graduate Diploma in Health Science (HL68)****Award title:** Graduate Diploma in Health Science (Study Area A)**CRICOS code:** 020308C**Location:** Kelvin Grove**Course duration (full-time):** 2 semesters**Course duration (part-time):** 4 semesters**Course duration (external):** 2 semesters (full-time) or 4 semesters (part-time)**Total credit points:** 96**Standard credit points per semester (full-time):** 48**Standard credit points per semester (part-time):** 24**Course coordinator:** Dr Elizabeth Parker**Majors**

Majors are offered in the following areas: environmental health, health services management, health promotion, risk management,

physical and health education, women's health, aged care and cross specialisation. To complete a major, students must complete at least four units from the same discipline area from within the Faculty of Health.

Students can only graduate with one specified major (ie only one major will appear on the official academic record). Students may elect to change majors during their course as appropriate but should seek academic advice before doing so.

**Course Structure**

The Graduate Diploma in Health Science consists of eight units totally 96 credit points selected from units offered by Schools within the Faculty of Health (List A units). No more than two (24 credit points) advanced undergraduate health units can be included in the total.

Completion of four units (48 credit points) in an area of specialisation entitles the graduate to a Graduate Diploma in Health Science within a specific discipline, eg. Graduate Diploma in Health Science (Health Promotion).

**Course Articulation**

This course articulates fully into HL88 Master of Health Science.

HL38 Graduate Certificate in Health Science fully articulates into this course.

After successfully completing the equivalent of one semester of full-time study, students may exit the program with a Graduate Certificate in Health Science.

**Full-time Course Structure****Year 1, Semester 1**

Select four units from List A

**Year 1, Semester 2**

Select four units from List A

**Part-time Course Structure****Year 1, Semester 1**

Select two units from List A

**Year 1, Semester 2**

Select two units from List A

**Year 2, Semester 1**

Select two units from List A

**Year 2, Semester 2**

Select two units from List A

**Unit List****List A - Major Areas of Study****AGED CARE**

NSN626 Dementia and Family Care

NSN801 Health Assessment in Aged Care

NSN821 Key Issues in Aged Care

NSN822 Principles of Aged Care Practice

**ENVIRONMENTAL HEALTH**

PUN363 Environmental Health Law

PUN465 Environmental Protection

PUN467 Public Health Risk Assessment

PUN620 Concepts of Environmental Health

**HEALTH SERVICES MANAGEMENT**

PUN601 Contemporary Health Policies

PUN602 Health Planning, Management and Evaluation

PUN608 Health Economics

PUN609 Health Care Finance

PUN610 Health Services Management

PUN615 Advanced Health Service Management

PUN692 Health Care Delivery Systems

**HEALTH PROMOTION**

PUP032 Intervention Design and Theories of Change

PUP034 Advanced Studies and Practice in Health Promotion

PUP035 Health Promotion Strategies and Evaluation

PUP036 Concepts and Settings for Health Promotion

**HEALTH, SAFETY AND ENVIRONMENT (not available as a major)**

PUN500 Systems Safety for Health, Safety and Environment

PUN001 Contemporary Risk Management

PUN008 Risk Assessment

PUN301 Health, Safety and Environmental Law and Management

PUN302 Determinants of Workplace Injury and Disease

PUP116	Ergonomics
PUP250	Occupational and Environmental Monitoring
PUP415	Occupational and Environmental Health RISK MANAGEMENT
EFN418	Introduction to Financial Risk Management
PUN001	Contemporary Risk Management
PUN008	Risk Assessment
PUN010	Implementing Risk Management WOMEN'S HEALTH
NSN509	Special Topic
NSN516	Sexual Reproductive Health
NSN517	Women's Health Issues Elective

#### **Additional List A Units**

	RESEARCH METHODS ELECTIVES
HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods
PUN105	Health Statistics RESEARCH UNITS
HLN701	Independent Study
HLN703	Project A
HLN704	Project B
HLN708	Project
HLN700	Thesis, or
HLN750	Thesis GENERAL HEALTH ELECTIVES
PUN103	Advanced Epidemiology
PUN106	Population Health
PYN026	Clinical Psychological Interventions 1
PYN029	Clinical Psychological Interventions 2
PYN460	Advanced Interventions For Addictive Behaviours
PYP401	Introduction to Road Safety
PYP402	Traffic Psychology and Behaviour
PYP404	Applying Traffic Psychology UNDERGRADUATE HEALTH ELECTIVES (maximum two permitted)
HMB361	Functional Anatomy 2
HMB362	Biomechanics 2
HMB371	Motor Control And Learning 2
HMB374	Psychology of Rehabilitation
HMB381	Exercise Physiology 2
HMB384	Injury Prevention and Rehabilitation
HMB480	Advanced Exercise Prescription
PUB509	Nutrition
PUB514	Contract/Project Management
PUB609	Health Resource Allocation
PUB644	Health Promoting Schools

#### **List B Elective (not available to HL38 or HL68 students)**

	ADVERTISING, MARKETING AND PUBLIC RELATIONS
AMN461	Corporate Media Strategy and Tactics
AMN463	Public Opinion and Public Relations
AMN465	Public Relations Management
AMN467	Public Relations Campaigns BUSINESS MANAGEMENT
GSN207	Organisational Analysis and Consulting
MGN402	Government-Business Relations
MGN409	Introduction to Management
MGN412	People in Organisations
MGN421	Strategic HRM
MGN422	Contemporary Issues and Practices in Employee Relations
MGN424	International Dimensions of HRM
MGN425	The Context of Public Management
MGN426	International Trends in Public Management
MGN427	Human Resource Management
MGN505	Consulting and Change Management
MGN516	Policy Analysis
MGN517	Program Management and Evaluation ACCOUNTANCY
AYN410	Business Law and Ethics
AYN416	Financial Accounting 1
AYN447	Issues in Electronic Commerce CREATIVE INDUSTRIES
KCP110	Global Media and Communications Policy LEGAL AND JUSTICE STUDIES
JSP151	Policy, Governance and Justice
JSP152	Administrative Justice
JSP154	Human Rights and Global Justice

LWS006	Health, Ethics And The Law EDUCATION
SPN621	Adult And Workplace Education: Principles And Practices
SPN622	Preventive Legal Risk Management in Learning contexts
SPN623	Strategic Workplace Education and the Learning Organisation
SPN624	Adult and Professional Learning PHILANTHROPY AND NONPROFIT STUDIES
AMN482	Marketing for the Nonprofit Sector
GSN224	Corporate Philanthropy
GSN232	Fundraising Principles
GSN481	Philanthropic and Nonprofit Frameworks of Governance
GSN482	Philanthropic and Nonprofit Economics
GSN483	Ethics for Philanthropic and Nonprofit Organisations
GSN484	Management for Philanthropic and Nonprofit Organisations
GSN485	Legal Issues for Philanthropic and Nonprofit Organisations
GSN486	Accounting Issues for Philanthropic & Nonprofit Organisations (GSN481-6 subject to approval)

## ■ Graduate Diploma in Health, Safety and Environment (PU65)

**Award title:** Graduate Diploma in Health, Safety and Environment

**CRICOS code:** 020307D

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Course duration (external):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Elizabeth Parker

### **Course Articulation**

This course fully articulates into HL88 Master of Health Science.

### **Full-time Course Structure**

#### **Year 1, Semester 1**

PUN001	Contemporary Risk Management
PUN008	Risk Assessment
PUN301	Health, Safety and Environmental Law and Management
PUN302	Determinants of Workplace Injury and Disease Year 1, Semester 2
PUN500	Systems Safety for Health, Safety and Environment
PUP116	Ergonomics
PUP250	Occupational and Environmental Monitoring
PUP415	Occupational and Environmental Health

### **Part-time Course Structure**

#### **Year 1, Semester 1**

PUN001	Contemporary Risk Management
PUN301	Health, Safety and Environmental Law and Management

#### **Year 1, Semester 2**

MEP201	Safety Technology and Practice
PUP415	Occupational and Environmental Health

#### **Year 2, Semester 1**

PUN008	Risk Assessment
PUN302	Determinants of Workplace Injury and Disease

#### **Year 2, Semester 2**

PUP250	Occupational and Environmental Monitoring
PUP116	Ergonomics

## ■ Graduate Diploma in Midwifery (NS68)

**Award title:** Graduate Diploma in Midwifery

**CRICOS code:** 040342B

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Course duration (external):** 2 semesters (full-time) or 4 semesters (part-time)

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

**Full-time Course Structure****Year 1, Semester 1**

NSN311	Clinical Studies in Midwifery A
NSN507	Contemporary Practice Issues
NSN321	Foundations of Midwifery Practice, and select ONE of the following:
HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

**Year 1, Semester 2**

NSN322	Complex Issues for Childbearing Families
NSN323	Clinical Studies in Midwifery B
NSN516	Sexual Reproductive Health, and select ONE of either:
NSN509	Special Topic, or Elective (see elective list)

**Part-time Course Structure****Year 1, Semester 1**

NSN311	Clinical Studies in Midwifery A
NSN321	Foundations of Midwifery Practice

**Year 1, Semester 2**

NSN322	Complex Issues for Childbearing Families
NSN516	Sexual Reproductive Health

**Year 2, Semester 1**

NSN507	Contemporary Practice Issues, and select ONE of the following units:
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HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

**Year 2, Semester 2**

NSN323	Clinical Studies in Midwifery B, and Select ONE of either:
NSN509	Special Topic, or Elective

**Elective list**

HLN405	Qualitative Research
NSN006	Specialisation in Paediatric, Child and Youth Health Nursing
NSN502	Critical Inquiry in Health Care
NSN508	Advanced Readings in Nursing
NSN515	Clinical Leadership and Management
NSN624	Collaborative Practice in the Community

Students studying NSN509 must be working in a practice setting relevant to the areas of study, or be willing to undertake additional clinical, experience to be able to undertake this unit.

**■ Graduate Diploma in Nursing (NS64)**

**Award title:** Graduate Diploma in Nursing (Study Area A)

**CRICOS code:** 015086K

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Dr Debra Anderson

**Majors**

The following majors are offered in this course:

- Aged Care
- Cancer Nursing
- Community Practice
- Intensive Care Nursing ~
- Medical/Surgical Nursing
- Mental Health
- Paediatric, Child and Youth Health ~
- Professional Studies
- Women's Health

~ For the July intake this major is only offered a part-time basis

**Aged Care****Full-time Course Structure****Semester 1**

NSN821	Key Issues in Aged Care
NSN801	Health Assessment in Aged Care
NSN507	Contemporary Practice Issues
	Select one of:
HLN405	Qualitative Research

HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

**Semester 2**

NSN822	Principles of Aged Care Practice
NSN523	Clinical Studies
NSN515	Clinical Leadership and Management
	Elective List B, or
	Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Part-time Course Structure****Semester 1**

NSN821	Key Issues in Aged Care
NSN801	Health Assessment in Aged Care

**Semester 2**

NSN822	Principles of Aged Care Practice
NSN523	Clinical Studies

**Semester 3**

NSN507	Contemporary Practice Issues
	Select one of:

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

**Semester 4**

NSN515	Clinical Leadership and Management
	Elective (List B), or
	Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Community Practice****Full-time Course Structure****Semester 1**

NSN507	Contemporary Practice Issues
NSN701	Advanced Health Assessment, or
NSN801	Health Assessment in Aged Care

Select one of:

PUN106	Population Health
PUN634	International Health Management and Planning
PUP038	New Developments in Health Promotion

Select one of:

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

**Semester 2**

NSN515	Clinical Leadership and Management
NSN726	Advanced Clinical Practice
NSN523	Clinical Studies

Elective List B, or

Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Part-time Course Structure****Semester 1**

NSN507	Contemporary Practice Issues
	Select one of:

PUN106	Population Health
PUN634	International Health Management and Planning
PUP038	New Developments in Health Promotion

**Semester 2**

NSN515	Clinical Leadership and Management
NSN726	Advanced Clinical Practice

**Semester 3**

NSN701	Advanced Health Assessment, or
NSN801	Health Assessment in Aged Care

Select one of:

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

**Semester 4**

NSN523	Clinical Studies
	Elective (List B), or
	Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites



**Women's Health****Full-time Course Structure****Semester 1**

- NSN517 Women's Health Issues  
Elective (List A)
- NSN507 Contemporary Practice Issues  
Select one of:
- HLN405 Qualitative Research  
HLN705 Introduction to Quantitative Research Methods  
HLN706 Advanced Quantitative Research Methods

**Semester 2**

- NSN516 Sexual Reproductive Health  
NSN509 Special Topic  
NSN515 Clinical Leadership and Management  
Elective (List B), or  
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Part-time Course Structure****Semester 1**

- NSN517 Women's Health Issues  
Elective (List A)

**Semester 2**

- NSN516 Sexual Reproductive Health  
NSN509 Special Topic

**Semester 3**

- NSN507 Contemporary Practice Issues  
Select one of:
- HLN405 Qualitative Research  
HLN705 Introduction to Quantitative Research Methods  
HLN706 Advanced Quantitative Research Methods

**Semester 4**

- NSN515 Clinical Leadership and Management  
Elective (List B), or  
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Mental Health****Full-time Course Structure****Semester 1**

- NSN901 Mental Health Assessment  
NSN922 Models for Mental Health Clinical Practice  
NSN507 Contemporary Practice Issues  
Select one of:
- HLN405 Qualitative Research  
HLN705 Introduction to Quantitative Research Methods  
HLN706 Advanced Quantitative Research Methods

**Semester 2**

- NSN526 Mental Health Clinical Studies  
NSN921 Mental Disorders: Theories and Issues  
NSN928 Counselling in Mental Health Nursing  
Elective List B \*

**Part-time Course Structure****Semester 1**

- NSN901 Mental Health Assessment  
NSN922 Models for Mental Health Clinical Practice

**Semester 2**

- NSN921 Mental Disorders: Theories and Issues  
Elective List B \*

**Semester 3**

- NSN507 Contemporary Practice Issues  
HLN405 Qualitative Research, or  
HLN705 Introduction to Quantitative Research Methods, or  
HLN706 Advanced Quantitative Research Methods

**Semester 4**

- NSN928 Counselling in Mental Health Nursing  
NSN526 Mental Health Clinical Studies

**Professional Studies****Full-time Course Structure****Semester 1**

- NSN507 Contemporary Practice Issues  
Elective (List A)  
Elective (List A)  
Select one of:
- HLN405 Qualitative Research

- HLN705 Introduction to Quantitative Research Methods  
HLN706 Advanced Quantitative Research Methods

**Semester 2**

- NSN515 Clinical Leadership and Management  
Elective (List B)  
NSN502 Critical Inquiry in Health Care, or  
Elective (List B)  
Elective (List B), or  
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Part-time Course Structure****Semester 1**

- NSN507 Contemporary Practice Issues  
Select one of:
- HLN405 Qualitative Research  
HLN705 Introduction to Quantitative Research Methods  
HLN706 Advanced Quantitative Research Methods

**Semester 2**

- NSN515 Clinical Leadership and Management  
NSN502 Critical Inquiry in Health Care, or  
Elective (List B)

**Semester 3**

- Elective (List A)  
Elective (List A)

**Semester 4**

- Elective (List B)  
Elective (List B), or  
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Paediatrics, Child and Youth Health****Full-time Course Structure****Semester 1**

- NSN002 Key Issues in Child and Youth Health Nursing  
NSN003 Principles of Paediatric, Child and Youth Health Nursing  
NSN507 Contemporary Practice Issues  
Select one of:

- HLN405 Qualitative Research  
HLN705 Introduction to Quantitative Research Methods  
HLN706 Advanced Quantitative Research Methods

**Semester 2**

- NSN006 Specialisation in Paediatric, Child and Youth Health Nursing  
NSN004 Acute Paediatric Nursing, or  
NSN005 Community Child and Youth Health Nursing  
NSN515 Clinical Leadership and Management  
Select one of:

- NSN523 Clinical Studies  
Elective (List B)  
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Part-time Course Structure****Semester 1**

- NSN002 Key Issues in Child and Youth Health Nursing  
NSN003 Principles of Paediatric, Child and Youth Health Nursing

**Semester 2**

- NSN004 Acute Paediatric Nursing, or  
NSN005 Community Child and Youth Health Nursing  
NSN006 Specialisation in Paediatric, Child and Youth Health Nursing

**Semester 3**

- NSN507 Contemporary Practice Issues  
Select one of:
- HLN405 Qualitative Research  
HLN705 Introduction to Quantitative Research Methods  
HLN706 Advanced Quantitative Research Methods

**Semester 4**

- NSN515 Clinical Leadership and Management  
Select one of:
- NSN523 Clinical Studies  
Elective (List B)  
Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Cancer Nursing & Medical/Surgical Nursing****Full-time Course Structure****Semester 1**

NSN507	Contemporary Practice Issues
NSN701	Advanced Health Assessment
NSN724	Advanced Nursing Practice
	Select one of:
HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

**Semester 2**

NSN515	Clinical Leadership and Management
NSN523	Clinical Studies
NSN726	Advanced Clinical Practice
	Electives (List B), or
	Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Part-time Course Structure****Semester 1**

NSN701	Advanced Health Assessment
NSN724	Advanced Nursing Practice

**Semester 2**

NSN523	Clinical Studies
NSN726	Advanced Clinical Practice

**Semester 3**

NSN507	Contemporary Practice Issues
	Select one of:
HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

**Semester 4**

NSN515	Clinical Leadership and Management
	Elective (List B), or
	Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Intensive Care Nursing****Full-time Course Structure****Semester 1**

NSN701	Advanced Health Assessment
NSN721	Key Issues in Emergency and Intensive Care Nursing
NSN507	Contemporary Practice Issues
	Select one of either
HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

**Semester 2**

NSN722	Principles of Intensive Care Nursing
NSN523	Clinical Studies
NSN515	Clinical Leadership and Management
	Elective (List B), or
	Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Part-time Course Structure****Semester 1**

NSN701	Advanced Health Assessment
NSN721	Key Issues in Emergency and Intensive Care Nursing

**Semester 2**

NSN722	Principles of Intensive Care Nursing
NSN523	Clinical Studies

**Semester 3**

NSN507	Contemporary Practice Issues
	Select one of either
HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods

**Semester 4**

NSN515	Clinical Leadership and Management
	Elective (List B), or
	Any other 12 credit point postgraduate unit for which the student has the necessary prerequisites

**Elective Lists****List A (Semester 1)**

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods

HLN706	Advanced Quantitative Research Methods
NSN002	Key Issues in Child and Youth Health Nursing
NSN508	Advanced Readings in Nursing
NSN517	Women's Health Issues
NSN701	Advanced Health Assessment
NSN721	Key Issues in Emergency and Intensive Care Nursing
NSN801	Health Assessment in Aged Care
NSN821	Key Issues in Aged Care

**List B (Semester 2)**

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods
NSN502	Critical Inquiry in Health Care
NSN508	Advanced Readings in Nursing
NSN509	Special Topic
NSN516	Sexual Reproductive Health
NSN523	Clinical Studies
NSN626	Dementia and Family Care
NSN722	Principles of Intensive Care Nursing
NSN723	Specialisation in Critical Care Nursing
NSN725	Specialisation in Medical/Surgical and Cancer Nursing
NSN929	Psychosocial Rehabilitation

\* In selected modules, students studying NSN723 and NSN725 must be working in a practice setting relevant to the areas of study, or be willing to undertake additional clinical experiences to be able to undertake the units. Contact the course coordinator for further information.

**■ Graduate Diploma in Psychology (PY08)**

**Award title:** Graduate Diploma in Psychology

**CRICOS code:** 036434K

**Location:** Carseldine

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters (may not be available by evening study)

**Total credit points:** 96

**Course coordinator:** Dr Maria Donald

**Full-time Course Structure****Year 1, Semester 1**

PYB205	Social Psychology
PYB210	Research Design and Data Analysis
PYB303	Cognitive Psychology
PYB304	Physiological Psychology

**Year 1, Semester 2**

PYB203	Developmental Psychology
PYB306	Psychopathology
PYB311	Psychological Assessment
	Elective*

**Electives**

PYB350	Advanced Statistical Analysis
	* (essential for intending honours students)
PYB158	Introduction to Substance Abuse in Australia
PYB159	Alcohol and Other Drug Studies
PYB201	Perception
PYB208	Counselling Theory and Practice 1
PYB215	Forensic Psychology and the Law
PYB257	Group Work
PYB260	Psychopharmacology of Addictive Behaviour
PYB302	Industrial and Organisational Psychology
PYB305	Applied Social Psychology
PYB307	Health Psychology
PYB353	Occupational and Vocational Psychology
PYB356	Counselling Theory and Practice 2
PYB358	Advanced Developmental Psychology
PYB359	Introduction to Family Therapy
PYB371	Introduction to Road Safety
PYB372	Traffic Psychology and Behaviour

Electives are available in first or second semester but not both

**Part-time Course Structure****Year 1, Semester 1**

PYB205	Social Psychology
PYB210	Research Design and Data Analysis

**Year 1, Semester 2**

PYB203	Developmental Psychology
PYB306	Psychopathology

**Year 2, Semester 1**

PYB303	Cognitive Psychology
PYB304	Physiological Psychology

**Year 2, Semester 2**

PYB311	Psychological Assessment Elective*
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**Electives**

PYB350	Advanced Statistical Analysis * (essential for intending honours students)
PYB158	Introduction to Substance Abuse in Australia
PYB159	Alcohol and Other Drug Studies
PYB201	Perception
PYB208	Counselling Theory and Practice 1
PYB215	Forensic Psychology and the Law
PYB257	Group Work
PYB260	Psychopharmacology of Addictive Behaviour
PYB302	Industrial and Organisational Psychology
PYB305	Applied Social Psychology
PYB307	Health Psychology
PYB353	Occupational and Vocational Psychology
PYB356	Counselling Theory and Practice 2
PYB358	Advanced Developmental Psychology
PYB359	Introduction to Family Therapy
PYB371	Introduction to Road Safety
PYB372	Traffic Psychology and Behaviour

Electives are available in first or second semester but not both.

**■ Graduate Diploma in Public Health (PU60)**

**Award title:** Graduate Diploma in Public Health (Study Area A)

**CRICOS code:** 020306E

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Course duration (external):** 2 semesters (full-time) or 4 semesters (part-time)

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Elizabeth Parker

**Specialised Stream Units**

Offered in the areas of:

- Health Services Management and Policy Sciences
- Occupational and Environmental Health Science
- Health Promotion
- Epidemiology and Research Methods

**Course Pathways/Articulation**

This course fully articulates into PU85 Master of Public Health

**Course Structure**

Full-time students in the program undertake a coursework component for two semesters (or four semesters part-time - two units per semester). The coursework comprises four core units and four advanced elective units. Elective units will normally be selected according to choice of a stream of study.

**Part A - Core Units**

PUN105	Health Statistics
PUN692	Health Care Delivery Systems
PUN702	Social and Behavioural Determinants of Health
PUN743	Introduction to Epidemiology

**Part B - Advanced elective units offered by QUT****Health Services Management and Policy Sciences**

PUN608	Health Economics
PUN609	Health Care Finance
PUN610	Health Services Management
PUN615	Advanced Health Service Management
PUN634	International Health Management and Planning
PUN635	Evidence Based Health Policy

**Occupational and Environmental Health Science**

EFN418	Introduction to Financial Risk Management
PUN001	Contemporary Risk Management
PUN008	Risk Assessment
PUN010	Implementing Risk Management
PUN301	Health, Safety and Environmental Law and Management

PUN302	Determinants of Workplace Injury and Disease
PUN500	Systems Safety for Health, Safety and Environment
PUN617	Environmental Health Management
PUN620	Concepts of Environmental Health
PUP116	Ergonomics
PUP250	Occupational and Environmental Monitoring
PUP415	Occupational and Environmental Health

**Health Promotion**

To qualify for the Health Promotion major, students must complete:

PUP032	Intervention Design and Theories of Change
PUP034	Advanced Studies and Practice in Health Promotion
PUP036	Concepts and Settings for Health Promotion, and at least one unit from:

PUB644	Health Promoting Schools
PUP035	Health Promotion Strategies and Evaluation

**Epidemiology and Research Methods**

HLN405	Qualitative Research
HLN705	Introduction to Quantitative Research Methods
HLN706	Advanced Quantitative Research Methods
PUN103	Advanced Epidemiology
PUN814	Principles of Epidemiology (UQ)
PUN850	Epidemiology and Disease Control (UQ)

**■ Graduate Diploma in Road Safety (PY41)**

**Award title:** Graduate Diploma in Road Safety

**CRICOS code:** 040335A

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Barry Watson

**Course Structure**

The Graduate Diploma in Road Safety course consists of two core units plus six electives. The program structure is designed to be flexible and accessible. The majority of the units are delivered on a semester basis, although two are available in intensive week-long blocks. The program has recently been enhanced with the introduction of distance education delivery for select units.

**Part-time Course Structure****Year 1, Semester 1**

PYP401	Introduction to Road Safety, and one of the following units:
PYP402	Traffic Psychology and Behaviour
CEP127	Road and Traffic Engineering

**Year 1, Semester 2**

PYP404	Applying Traffic Psychology Any approved elective or a unit offered in Summer Program listed below:
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**Year 1, Summer Program**

PYP405	Road Safety Evaluation Models
CEP151	Road Safety Audit - Principles and Practice Consideration will be given to offering core or elective units in block mode, as demand warrants

**Year 2, Semester 1**

	Any two of the following units, not completed in Year 1:
PYP402	Traffic Psychology and Behaviour
PYP407	Independent Study
CEP127	Road and Safety Engineering

**Year 2, Semester 2**

PYP406	Road Safety Theory to Practice, and one of the following units or a unit offered in Summer Program:
PYP404	Applying Traffic Psychology
PYP407	Independent Study

**Year 2, Summer Program**

PYP405	Road Safety Evaluation Models
CEP151	Road Safety Audit - Principles and Practice Consideration will be given to offering core or elective units in block mode, as demand warrants

**Notes:** CEP151 Road Safety Audit - Principles and Practice is conducted jointly by QUT and Main Roads and may be offered at other times of the year, subject to demand.

PYP501, PYP502, PYP504 and PYP506 are all flexible delivery versions of the campus-based units and can be undertaken in distance education mode.

## ■ Graduate Certificate in Aged Care (NS39)

**Award title:** Graduate Certificate in Aged Care

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

### Course Requirements

The course can be undertaken by internal or external mode.

This course can also be commenced Mid-Year.

### Part-time Course Structure

#### Year 1, Semester 1

NSN801 Health Assessment in Aged Care

NSN821 Key Issues in Aged Care

#### Year 1, Semester 2

NSN822 Principles of Aged Care Practice

Elective OR

Any other 12 credit point postgraduate unit offered by the Faculty of Health for which the student has the necessary pre-requisites.

#### Elective List

HLN405 Qualitative Research

NSN509 Special Topic

NSN516 Sexual Reproductive Health

NSN626 Dementia and Family Care

In NSN509 Special Topic students have the option of studying one of the two special topics - Prevention of Violence Against Women or Compromised Neonate

## ■ Graduate Certificate in Cancer Nursing (NS31)

**Award title:** Graduate Certificate in Cancer Nursing

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Debra Anderson

**Discipline coordinator:** Patsy Yates

### Course Pathways/Articulation

The Graduate Certificate in Cancer Nursing has full articulation with NS64 Graduate Diploma of Nursing or NS85 Master of Nursing.

### Part-time Course Structure

#### Year 1, Semester 1

NSN701 Advanced Health Assessment

NSN724 Advanced Nursing Practice

#### Year 1, Semester 2

NSN726 Advanced Clinical Practice

NSN723 Specialisation in Critical Care Nursing, or

NSN725 Specialisation in Medical/Surgical And Cancer Nursing

## ■ Graduate Certificate in Community Practice (NS34)

**Award title:** Graduate Certificate in Community Practice

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

### Course Pathways/Articulation

The Graduate Certificate in Community Practice has full articulation with NS64 Graduate Diploma in Nursing and NS85 Master of Nursing programs.

### Part-time Course Structure

#### Year 1, Semester 1

NSN701 Advanced Health Assessment, or

NSN801 Health Assessment in Aged Care

Select one of:

PUN106 Population Health

PUN634 International Health Management and Planning

PUP038 New Developments in Health Promotion

#### Year 1, Semester 2

Elective (List B)

NSN726 Advanced Clinical Practice

PUP034 Advanced Studies and Practice in Health Promotion

PUP037 Health Program Evaluation

#### Electives (List B)

HLN405 Qualitative Research

NSN508 Advanced Readings in Nursing

NSN509 Special Topic

NSN626 Dementia and Family Care

NSN516 Sexual Reproductive Health

## ■ Graduate Certificate in Emergency Nursing (NS41)

**Award title:** Graduate Certificate in Emergency Nursing

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 12

**Course coordinator:** Dr Debra Anderson

### Articulation

All units successfully completed may be credited towards NS64 Graduate Diploma of Nursing or NS85 Master of Nursing.

### Entry Requirements

Students must:

- be eligible for registration as a nurse with the Queensland Nursing Council
- have gained a degree in nursing (or equivalent) from a recognised institution
- have completed the Queensland Health Transition to Emergency Nursing Program (or its equivalent) within the past three years, and
- normally have at least one year of appropriate post-registration clinical experience.

Candidates who are not employed in a clinical setting relevant to their program may be required to undertake additional supernumerary clinical experiences to meet the requirements of the course.

### Course Design

The Graduate Certificate comprises 48 credit points made up of 24 credit points advanced standing from accredited programs, plus 24 credit points from units offered by the School of Nursing.

### Part-time Course Structure

#### Year 1, Semester 1

NSN721 Key Issues in Emergency and Intensive Care Nursing

#### Year 1, Semester 2

NSN723 Specialisation in Critical Care Nursing

## ■ Graduate Certificate in Environmental Health (PU32)

**Award title:** Graduate Certificate in Environmental Health

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Entry Requirements

An appropriate Bachelor degree, or other qualifications (or an acceptable professional qualification) or appropriate work experience acceptable to the Dean.

### Part-time Course Structure

#### Semester 1

PUN001 Contemporary Risk Management

PUN620 Concepts of Environmental Health

#### Semester 2

PUN617 Environmental Health Management

PUP415 Occupational and Environmental Health

## ■ Graduate Certificate in Health Promotion (PU39)

**Award title:** Graduate Certificate in Health Promotion

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Entry Requirements

An appropriate Bachelor degree, or other qualifications (or an acceptable professional qualification) or appropriate work experience acceptable to the Dean.

### Part-time Course Structure

#### Year 1, Semester 1

PUP032 Intervention Design and Theories of Change

PUP036 Concepts and Settings for Health Promotion

#### Year 1, Semester 2

PUP034 Advanced Studies and Practice in Health Promotion, and

PUP035 Health Promotion Strategies and Evaluation, or

PUB644 Health Promoting Schools

## ■ Graduate Certificate in Health Science (HL38)

**Award title:** Graduate Certificate in Health Science

**CRICOS code:** 027285D

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters part-time

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Entry Requirements

Students must hold an appropriate bachelor degree or other qualifications/work experience acceptable to the Dean.

### Course Structure

Students are required to complete any four units (totalling 48 credit points) from List A. No more than two (24 credit points) senior undergraduate units can be included in the total.

### Course Articulation

This course articulates fully into HL68 Graduate Diploma in Health Science and HL88 Master of Health Science

### Special Note

Completion of units in Health, Safety and Environment or Environmental Health does not qualify graduands to practice in these areas.

### Part-time Course Structure

#### Year 1, Semester 1

Select two units from List A

### Year 1, Semester 2

Select two units from List A

### Unit List

#### List A - Major Areas of Study

##### AGED CARE

NSN626 Dementia and Family Care

NSN801 Health Assessment in Aged Care

NSN821 Key Issues in Aged Care

NSN822 Principles of Aged Care Practice

##### ENVIRONMENTAL HEALTH

PUN363 Environmental Health Law

PUN465 Environmental Protection

PUN467 Public Health Risk Assessment

PUN620 Concepts of Environmental Health

##### HEALTH SERVICES MANAGEMENT

PUN601 Contemporary Health Policies

PUN602 Health Planning, Management and Evaluation

PUN608 Health Economics

PUN609 Health Care Finance

PUN610 Health Services Management

PUN615 Advanced Health Service Management

PUN692 Health Care Delivery Systems

##### HEALTH PROMOTION

PUP032 Intervention Design and Theories of Change

PUP034 Advanced Studies and Practice in Health Promotion

PUP035 Health Promotion Strategies and Evaluation

PUP036 Concepts and Settings for Health Promotion

##### HEALTH, SAFETY AND ENVIRONMENT(not available as a major)

PUN500 Systems Safety for Health, Safety and Environment

PUN001 Contemporary Risk Management

PUN008 Risk Assessment

PUN301 Health, Safety and Environmental Law and Management

PUN302 Determinants of Workplace Injury and Disease

PUP116 Ergonomics

PUP250 Occupational and Environmental Monitoring

PUP415 Occupational and Environmental Health

##### RISK MANAGEMENT

EFN418 Introduction to Financial Risk Management

PUN001 Contemporary Risk Management

PUN008 Risk Assessment

PUN010 Implementing Risk Management

##### WOMEN'S HEALTH

NSN509 Special Topic

NSN516 Sexual Reproductive Health

NSN517 Women's Health Issues

##### Elective

#### Additional List A Units

##### RESEARCH METHODS ELECTIVES

HLN405 Qualitative Research

HLN705 Introduction to Quantitative Research Methods

HLN706 Advanced Quantitative Research Methods

PUN105 Health Statistics

##### RESEARCH UNITS

HLN701 Independent Study

HLN703 Project A

HLN704 Project B

HLN708 Project

HLN700 Thesis, or

HLN750 Thesis

##### GENERAL HEALTH ELECTIVES

PUN103 Advanced Epidemiology

PUN106 Population Health

PYN026 Clinical Psychological Interventions 1

PYN029 Clinical Psychological Interventions 2

PYN460 Advanced Interventions For Addictive Behaviours

PYP401 Introduction to Road Safety

PYP402 Traffic Psychology and Behaviour

PYP404 Applying Traffic Psychology

##### UNDERGRADUATE HEALTH ELECTIVES

(maximum two permitted)

HMB361 Functional Anatomy 2

HMB362 Biomechanics 2

HMB371 Motor Control And Learning 2

HMB374 Psychology of Rehabilitation

HMB381 Exercise Physiology 2

HMB384 Injury Prevention and Rehabilitation

HMB480	Advanced Exercise Prescription
PUB509	Nutrition
PUB514	Contract/Project Management
PUB609	Health Resource Allocation
PUB644	Health Promoting Schools

**List B Elective (not available to HL38 or HL68 students)**

	ADVERTISING, MARKETING AND PUBLIC RELATIONS
AMN461	Corporate Media Strategy and Tactics
AMN463	Public Opinion and Public Relations
AMN465	Public Relations Management
AMN467	Public Relations Campaigns
	BUSINESS MANAGEMENT
GSN207	Organisational Analysis and Consulting
MGN402	Government-Business Relations
MGN409	Introduction to Management
MGN412	People in Organisations
MGN421	Strategic HRM
MGN422	Contemporary Issues and Practices in Employee Relations
MGN424	International Dimensions of HRM
MGN425	The Context of Public Management
MGN426	International Trends in Public Management
MGN427	Human Resource Management
MGN505	Consulting and Change Management
MGN516	Policy Analysis
MGN517	Program Management and Evaluation
	ACCOUNTANCY
AYN410	Business Law and Ethics
AYN416	Financial Accounting 1
AYN447	Issues in Electronic Commerce
	CREATIVE INDUSTRIES
KCP110	Global Media and Communications Policy
	LEGAL AND JUSTICE STUDIES
JSP151	Policy, Governance and Justice
JSP152	Administrative Justice
JSP154	Human Rights and Global Justice
LWS006	Health, Ethics And The Law
	EDUCATION
SPN621	Adult And Workplace Education: Principles And Practices
SPN622	Preventive Legal Risk Management in Learning contexts
SPN623	Strategic Workplace Education and the Learning Organisation
SPN624	Adult and Professional Learning
	PHILANTHROPY AND NONPROFIT STUDIES
AMN482	Marketing for the Nonprofit Sector
GSN224	Corporate Philanthropy
GSN232	Fundraising Principles
GSN481	Philanthropic and Nonprofit Frameworks of Governance
GSN482	Philanthropic and Nonprofit Economics
GSN483	Ethics for Philanthropic and Nonprofit Organisations
GSN484	Management for Philanthropic and Nonprofit Organisations
GSN485	Legal Issues for Philanthropic and Nonprofit Organisations
GSN486	Accounting Issues for Philanthropic & Nonprofit Organisations
	(GSN481-6 subject to approval)

## ■ Graduate Certificate in Health Services Management (PU38)

**Award title:** Graduate Certificate in Health Services Management

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Entry Requirements

An appropriate Bachelor degree, or other qualifications (or an acceptable professional qualification) or appropriate work experience acceptable to the Dean.

### Part-time Course Structure

#### Year 1, Semester 1

PUN692	Health Care Delivery Systems, and
PUB511	Health Policy, Planning and Evaluation, or
PUB514	Contract/Project Management

#### Year 1, Semester 2

PUN610	Health Services Management, and
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PUN601	Contemporary Health Policies, or
PUN608	Health Economics, or
PUB609	Health Resource Allocation

## ■ Graduate Certificate in Intensive Care Nursing (NS30)

**Award title:** Graduate Certificate in Intensive Care Nursing

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

### Articulation

The Graduate Certificate in Intensive Care Nursing has full articulation with NS64 Graduate Diploma in Nursing and NS85 Master of Nursing programs.

### Part-time Course Structure

#### Year 1, Semester 1

NSN701	Advanced Health Assessment
NSN721	Key Issues in Emergency and Intensive Care Nursing

#### Year 1, Semester 2

NSN722	Principles of Intensive Care Nursing
NSN723	Specialisation in Critical Care Nursing, or
NSN725	Specialisation in Medical/Surgical and Cancer Nursing

## ■ Graduate Certificate in Medical/Surgical Nursing (NS33)

**Award title:** Graduate Certificate in Medical/Surgical Nursing

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

### Course Pathways/Articulation

The Graduate Certificate in Medical/Surgical Nursing has full articulation with NS64 Graduate Diploma in Nursing and NS85 Master of Nursing programs.

The course can be undertaken by internal or external mode. Mid-year entry is available.

### Part-time Course Structure

#### Year 1, Semester 1

NSN701	Advanced Health Assessment
NSN724	Advanced Nursing Practice

#### Year 1, Semester 2

NSN726	Advanced Clinical Practice
NSN723	Specialisation in Critical Care Nursing, or
NSN725	Specialisation in Medical/Surgical And Cancer Nursing

## ■ Graduate Certificate in Ocular Therapeutics (OP43)

**Award title:** Graduate Certificate in Ocular Therapeutics

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

### Entry Requirements

Applicants for the course must hold a four year degree in optometry from a recognised School of Optometry, or have equivalent standing and have current registration as optometrists in any State or Territory of Australia or New Zealand.

Advanced standing will not apply and the course will not articulate with any currently offered course within QUT or other institution in Australia or elsewhere.

It is anticipated that The Optometry Council of Australia and New Zealand (TOC) will conduct examinations in ocular

therapeutics for optometrists from overseas as they currently do for such optometrists seeking registration to practice in Australia.

### Course Structure

#### Year 1, Semester 1

OPP001 Ocular Therapeutics 1

#### Year 1, Semester 2

OPP002 Ocular Therapeutics 2

## ■ Graduate Certificate in Paediatric, Child and Youth Health Nursing (NS35)

**Award title:** Graduate Certificate in Paediatric, Child and Youth Health Nursing

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

### Course Requirements

The course can be undertaken by internal or external mode.

### Part-time Course Structure

#### Year 1, Semester 1

NSN002 Key Issues in Child and Youth Health Nursing

NSN003 Principles of Paediatric, Child and Youth Health Nursing

#### Year 1, Semester 2

NSN006 Specialisation in Paediatric, Child and Youth Health Nursing

NSN004 Acute Paediatric Nursing, or

NSN005 Community Child and Youth Health Nursing

## ■ Graduate Certificate in Public Health (PU30)

**Award title:** Graduate Certificate in Public Health

**CRICOS code:** 048295F

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (external):** 1 semester

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Entry Requirements

Applicants must have an approved bachelor degree from a recognised institution or a basic professional qualification plus not less than two years of relevant post-qualification experience and/or training.

### Course Structure

The course consists of 4 core units (48 credit points) from the Master of Public Health (PU85)/Graduate Diploma in Public Health (PU60). The program is taught by a consortium of universities with each of QUT, Griffith University and University of Queensland offering one of the core units. The fourth unit is a statistics unit offered by QUT.

### Course Pathways/Articulation

This course fully articulates into PU60 Graduate Diploma in Public Health and PU85 Master of Public Health.

### Course Structure

#### Semester 1

PUN692 Health Care Delivery Systems

PUN702 Social and Behavioural Determinants of Health

PUN743 Introduction to Epidemiology

PUN105 Health Statistics

## ■ Graduate Certificate in Road Safety (PY40)

**Award title:** Graduate Certificate in Road Safety

**CRICOS code:** 040334B

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Barry Watson

### Course Structure

The Graduate Certificate in Road Safety consists of one core unit plus three electives. The majority of the units are delivered on a semester basis, although two are available in intensive week-long blocks. The program has recently been enhanced with the introduction of distance education delivery for select units.

### Distance Education Units

Four units have been approved for delivery in distance education mode:

PYP501 Introduction to Road Safety is

PYP502 Traffic Psychology and Behaviour

PYP504 Applying Traffic Psychology

PYP506 Road Safety Theory to Practice

### Course Structure

#### Year 1, Semester 1

PYP401 Introduction to Road Safety, and one of the following units:

PYP402 Traffic Psychology and Behaviour

CEP127 Road and Traffic Engineering

#### Year 1, Semester 2

PYP406 Road Safety Theory to Practice

PYP404 Applying Traffic Psychology

The above units can be replaced with one or two units offered in Summer Program

#### Year 1, Summer Program

PYP405 Road Safety Evaluation Models

CEP151 Road Safety Audit - Principles and Practice\*

Consideration will be given to offering core or elective units in block mode, as demand warrants

\* CEP151 is conducted jointly by QUT and Main Roads and may be offered at other times of the year, subject to demand.

**Notes:** PYP501, PYP502, PYP504 and PYP506 are all flexible delivery versions of the campus-based units and can be undertaken in distance education mode.

## ■ Graduate Certificate in Rugby Studies (HM34)

**Award title:** Graduate Certificate in Rugby Studies

**CRICOS code:** Not required

**Location:** Kelvin Grove

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Graham Costin

### Entry Requirements

Applicants must hold an appropriate Bachelor degree in Human Movement Studies, Exercise and Sports Science, Physical Education or equivalent.

Other qualifications and/or at least 5 years of full-time work experience acceptable to the Dean will also be considered, as will requests for credit transfer and advanced standing.

### Course Structure

The Graduate Certificate in Rugby Studies consists of 48 credit points from the School of Human Movement Studies. The course is offered in part-time external mode only.

The offering of this course is under review. Contact the Faculty of Health for details.

## Part-time Course Structure

### Semester 1

HMP390 Rugby Coaching - Principles and Skills  
HMP385 Sport Practicum (Rugby)

### Semester 2

HMP389 Assessment In Sport (Rugby)  
HMP383 Sport Studies Project (Rugby)

## ■ Graduate Certificate in Women's Health (NS36)

**Award title:** Graduate Certificate in Women's Health

**Location:** Kelvin Grove

**Course duration (part-time):** 2 semesters

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Debra Anderson

### Course Pathways/Articulation

The Graduate Certificate in Women's Health has full articulation with NS64 Graduate Diploma in Nursing and NS85 Master of Nursing, and HL68 Graduate Diploma in Health Science and HL88 Master of Health Science.

The Graduate Certificate in Women's Health can be undertaken by internal or external mode. Mid-year entry is available.

## Part-time Course Structure

### Year 1, Semester 1

NSN517 Women's Health Issues  
Elective Unit or any other 12 credit point postgraduate unit offered by the Faculty of Health for which the student has the necessary pre-requisites

### Year 1, Semester 2

NSN509 Special Topic  
NSN516 Sexual Reproductive Health

### Elective List

HLN405 Qualitative Research  
HLN705 Introduction to Quantitative Research Methods  
NSN002 Key Issues in Child and Youth Health Nursing  
NSN508 Advanced Readings in Nursing  
NSN626 Dementia and Family Care  
NSN701 Advanced Health Assessment  
NSN801 Health Assessment in Aged Care  
NSN821 Key Issues in Aged Care

Students studying NSN002 must be working at 0.6 FTE in an appropriate setting or be required to undertake additional clinical experiences to meet the requirements of the unit.

## ■ Bachelor of Applied Science (Honours) (HL52)

**Award title:** Bachelor of Applied Science (Honours)

**CRICOS code:** 043118G

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Jan Lovie-Kitchin

### Entry Requirements

Applicants should have completed QUT's Bachelor of Applied Science/Bachelor of Health Science in a relevant area, or equivalent and have attained a grade point average (GPA) of at least 5.0 over the pass degree.

Application should be made at the end of the final year of the pass degree or within 18 months of completing that degree.

If applicants do not satisfy the normal entry requirements but have demonstrated outstanding performance in only the final year of a degree, or their application is based on other factors including work experience or involvement in research, they may be admitted at the discretion of the Dean.

## Full-time Course Structure

### Year 1, Semester 1

HLP101 Advanced Discipline Readings  
HLP103 Dissertation  
Select one of the following units:  
HLN405 Qualitative Research  
HLN706 Advanced Quantitative Research Methods  
PUN105 Health Statistics, and one elective unit

### Year 1, Semester 2

HLP102 Research Seminars  
HLP103  
HLP103 Dissertation  
HLP103 Dissertation

### Electives

Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student's discipline area or from an area that complements or is germane to the students study program. For further information on available units contact the relevant school honours coordinator. Students may also select either HLN405 Qualitative Research or HLN706 Advanced Quantitative Research Methods or MAN009 Experimental Design and Statistical Analysis for Research as an elective.

### Dissertation

The Dissertation is one unit valued at 48 credit points and represents 50 per cent of the Honours course. Work on the dissertation commences during semester 1 (full-time mode) or semester 2 (part-time mode) and is completed over the course of the program. Preparation and presentation of the Dissertation is completed under the guidance of a supervisor.

## Part-time Course Structure

### Year 1, Semester 1

Select one of the following units:  
HLN706 Advanced Quantitative Research Methods  
HLN405 Qualitative Research  
PUN105 Health Statistics, and One elective unit

### Year 1, Semester 2

HLP101 Advanced Discipline Readings  
HLP103 Dissertation

### Year 2, Semester 1

HLP103 Dissertation  
HLP103 Dissertation

### Year 2, Semester 2

HLP102 Research Seminars  
HLP103 Dissertation

## ■ Bachelor of Health Science (Honours) (HL55)

**Award title:** Bachelor of Health Science (Honours)

**CRICOS code:** 027284E

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Jan Lovie-Kitchin

### Entry Requirements

Applicants should have completed QUT's Bachelor of Applied Science/Bachelor of Health Science in a relevant area, or equivalent and have attained a grade point average (GPA) of at least 5.0 over the pass degree.

Application should be made at the end of the final year of the pass degree or within 18 months of completing that degree.

If applicants do not satisfy the normal entry requirements but have demonstrated outstanding performance in only the final year of a degree, or their application is based on other factors including work experience or involvement in research, they may be admitted at the discretion of the Dean.



## Full-time Course Structure

### Year 1, Semester 1

HLP101	Advanced Discipline Readings
HLP103	Dissertation
	Select one of the following units:
HLN405	Qualitative Research
HLN706	Advanced Quantitative Research Methods
PUN105	Health Statistics, and one elective unit

### Year 1, Semester 2

HLP102	Research Seminars
HLP103	
HLP103	Dissertation
HLP103	Dissertation

### Electives

Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student's discipline area or from an area that complements or is germane to the students study program. For further information on available units contact the relevant school honours coordinator. Students may also select either HLN405 Qualitative Research or HLN706 Advanced Quantitative Research Methods or MAN009 Experimental Design and Statistical Analysis for Research as an elective.

### Dissertation

The Dissertation is one unit valued at 48 credit points and represents 50 per cent of the Honours course. Work on the dissertation commences during semester 1 (full-time mode) or semester 2 (part-time mode) and is completed over the course of the program. Preparation and presentation of the Dissertation is completed under the guidance of a supervisor.

## Part-time Course Structure

### Year 1, Semester 1

	Select one of the following units:
HLN706	Advanced Quantitative Research Methods
HLN405	Qualitative Research
PUN105	Health Statistics, and One elective unit

### Year 1, Semester 2

HLP101	Advanced Discipline Readings
HLP103	Dissertation

### Year 2, Semester 1

HLP103	Dissertation
HLP103	Dissertation

### Year 2, Semester 2

HLP102	Research Seminars
HLP103	Dissertation

## ■ Bachelor of Nursing (Honours) (HL50)

**Award title:** Bachelor of Nursing (Honours)

**CRICOS code:** 016355G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assoc Prof Jan Lovie-Kitchin

### Entry Requirements

Applicants should have completed QUT's Bachelor of Nursing (NS40, NS48) or equivalent and have attained a grade point average (GPA) of at least 5.0 over the pass degree.

Application should be made at the end of the final year of the pass degree or within 18 months of completing that degree.

If applicants do not satisfy the normal entry requirements but have demonstrated outstanding performance in only the final year of a degree, or their application is based on other factors including work experience or involvement in research, they may be admitted at the discretion of the Dean.

## Full-time Course Structure

### Year 1, Semester 1

HLP101	Advanced Discipline Readings
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HLP103	Dissertation
	Select one of the following units:
HLN405	Qualitative Research
HLN706	Advanced Quantitative Research Methods
PUN105	Health Statistics, and one elective unit

### Year 1, Semester 2

HLP102	Research Seminars
HLP103	Dissertation
HLP103	Dissertation

### Electives

Students undertake a 12 credit point elective. This may be selected from any honours or postgraduate program offered by the University, subject to prerequisite requirements and with the approval of the students supervisor and the course coordinator. Normally the elective unit is chosen from within the student's discipline area or from an area that complements or is germane to the students study program. For further information on available units contact the relevant school honours coordinator. Students may also select either HLN405 Qualitative Research or HLN706 Advanced Quantitative Research Methods or MAN009 Experimental Design and Statistical Analysis for Research as an elective.

### Dissertation

The Dissertation is one unit valued at 48 credit points and represents 50 per cent of the Honours course. Work on the dissertation commences during semester 1 (full-time mode) or semester 2 (part-time mode) and is completed over the course of the program. Preparation and presentation of the Dissertation is completed under the guidance of a supervisor.

## Part-time Course Structure

### Year 1, Semester 1

	Select one of the following units:
HLN706	Advanced Quantitative Research Methods
HLN405	Qualitative Research
PUN105	Health Statistics, and One elective unit

### Year 1, Semester 2

HLP101	Advanced Discipline Readings
HLP103	Dissertation

### Year 2, Semester 1

HLP103	Dissertation
HLP103	Dissertation

### Year 2, Semester 2

HLP102	Research Seminars
HLP103	Dissertation

## ■ Bachelor of Psychology (Honours) (PY09)

**Award title:** Bachelor of Psychology (Honours)

**CRICOS code:** 034711K

**Location:** Carseldine

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters (may not be available by evening study)

**Total credit points:** 96

**Course coordinator:** Dr Herbert Biggs

### Entry Requirements

An undergraduate degree accredited by the Australian Psychological Society (APS) as an entry point into an honours program (for example QUT's PY45 Bachelor of Behavioural Science (Psychology)), with an overall grade point average (GPA) of at least 5, a GPA of at least 5 across APS accredited second and third year psychology units and successful completion of an APS accredited third year statistics unit (PYB350 or equivalent).

### QUT Applicants

For applicants with a QUT Bachelor's award, the base level requirements for consideration for inclusion in the Honours program will be:

- a minimum GPA of 5 in the overall undergraduate degree program
- completion of and at least a pass in PYB350 Advanced Statistical Analysis (or its equivalent)
- a minimum overall GPA of 5 in prescribed second and third year Psychology units or their equivalent, specifically:

PYB201	Perception
PYB203	Developmental Psychology
PYB205	Social Psychology
PYB206	Personality
PYB208	Counselling Theory and Practice 1
PYB210	Research Design and Data Analysis
PYB302	Industrial and Organisational Psychology
PYB303	Cognitive Psychology
PYB304	Physiological Psychology
PYB306	Psychopathology
PYB311	Psychological Assessment

### Non-QUT Applicants

For applicants with Bachelor's awards other than from QUT, similar requirements will be expected.

They will also be required to provide certified copies of complete academic transcripts and evidence of their eligibility to undertake an Honours program at their home institution.

Both internal and external applicants who reach the minimum criteria as outlined above may be required to undertake a further selection process.

### Course Structure

The courses comprises of eight 12 credit point units. Coursework includes the compulsory unit PYB407 Research and Professional Development Seminar; plus elective units, chosen from advanced cognitive, organisational/counselling theory. The research component of the program entails one Research Methods unit and an individual thesis. PYB400 Thesis is undertaken in modules throughout the program and initially students complete a research plan which sets out the project. This is followed by the collection, analysis and writing-up of the data. All coursework units have 3 contact hours per week. Research thesis units contact is as required by the supervisor.

### Full-time Course Structure

#### Year 1, Semester 1

PYB400-1	Thesis (Part 1)
PYB401	Advanced Research Methods Two Elective Units

#### Year 1, Semester 2

PYB400-2	Thesis (Part 2)
PYB400-3	Thesis (Part 3)
PYB400-4	Thesis (Part 4)
PYB407	Research and Professional Development Seminar

### Part-time Course Structure

#### Year 1, Semester 1

PYB401	Advanced Research Methods One Elective Unit
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#### Year 1, Semester 2

PYB400-1	Thesis (Part 1)
PYB407	Research and Professional Development Seminar

#### Year 2, Semester 1

PYB400-2	Thesis (Part 2) One Elective Unit
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#### Year 2, Semester 2

PYB400-3	Thesis (Part 3)
PYB400-4	Thesis (Part 4)

### Elective Units

PYB402	Counselling Psychology
PYB403	Cognitive Neuropsychology
PYB404	Issues in Social Developmental Psychology
PYB405	Advanced Organisational Psychology
PYB408	Advanced Social Cognition

## ■ Bachelor of Applied Science (Exercise and Sports Nutrition) (HM45)

**Award title:** Bachelor of Applied Science (Exercise and Sports Nutrition)

**CRICOS code:** 047456B

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Graham Costin

### Course Structure

#### Year 1, Semester 1

HMB171	Fitness Health and Wellness
HMB313	Socio-Cultural Foundations of Physical Activity
LSB131	Anatomy
PUB474	Food Studies

#### Year 1, Semester 2

LSB231	Physiology
PCB142	Chemistry 1
PUB201	Food and Nutrition
PYB012	Psychology

#### Year 2, Semester 1

HMB271	Foundations Of Motor Control, Learning And Development
HMB277	Exercise and Sport Nutrition
HMB274	Functional Anatomy
PUB341	Nutrition Education

#### Year 2, Semester 2

HMB272	Biomechanics
HMB275	Exercise and Sport Psychology
HMB273	Exercise Physiology 1
PCB242	Chemistry 2

#### Year 3, Semester 1

HMB382	Principles of Exercise Prescription
HMB471	Project 1
LSB308	Biochemistry
PUB509	Nutrition

#### Year 3, Semester 2

HMB470	Practicum 1
PUB405	Nutrition Science
PUB501	Applied Counselling for Health Professionals
PUB875	Professional Practice

## ■ Bachelor of Applied Science (Human Movement Studies) (HM42)

**Award title:** Bachelor of Applied Science (Human Movement Studies)

**CRICOS code:** 012659B

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Graham Costin

### Professional Membership

Graduates are eligible for membership of the Australian Association for Exercise and Sports Science.

### Special Course Requirements

Students must complete units totalling 384 credit points including foundation units, a major and a minor study, elective units, practicum experiences and fourth-year studies.

A major (10 units-120 credit points) must be completed in the specified discipline area of Exercise and Sport Science. This includes six compulsory second-level units (72 credit points), two compulsory third-level units (HMB379 and HMB382) (24 credit points), a Practicum unit (HMB470) (12 credit points) and one additional third-level unit (12 credit points).

As a professional degree, the program has a number of compulsory practicum experiences throughout the first two years in preparation for the third year practicum and substantive practicum period in Year 4.

Two minors must be completed. One minor (48 credit points) consisting of four units from level three Human Movement Electives. The second minor (48 credit points) may be undertaken from any approved discipline within QUT. It should consist of at least two units from level two and three.

The degree may be awarded with Honours: First Class Honours; Second Class Honours Division A; and Second Class Honours Division B. Candidates for the degree with Honours must fulfil the requirements for the pass degree and achieve such a standard

of proficiency in all the units of the course as may from time to time be determined by the Health Academic Board and approved by the University Academic Board.

### Full-time Course Structure

#### Year 1, Semester 1

HMB171	Fitness Health and Wellness
HMB313	Socio-Cultural Foundations of Physical Activity
LSB131	Anatomy
PYB012	Psychology

#### Year 1, Semester 2

LSB231	Physiology
HMB272	Biomechanics
HMB275	Exercise and Sport Psychology
HMB172	Nutrition and Physical Activity

#### Year 2, Semester 1

HMB271	Foundations Of Motor Control, Learning And Development
HMB274	Functional Anatomy
	Elective (HM minor, discipline minor or general)
	Elective (HM minor, discipline minor or general)

#### Year 2, Semester 2

HMB276	Research in Human Movement
PYB007	Interpersonal Processes and Skills
HMB273	Exercise Physiology 1
HMB282	Resistance Training

#### Year 3, Semester 1

HMB379	Disorders of Human Movement
HMB382	Principles Of Exercise Prescription
	Elective (HM minor, discipline minor or general)
	Elective (HM minor, discipline minor or general)

#### Year 3, Semester 2

HMB470	Practicum 1, or Elective (HM minor, discipline minor or general)
	Elective (HM minor, discipline minor or general)
	Elective (HM minor, discipline minor or general)
	Elective (HM minor, discipline minor or general)

#### Year 4, Semester 1

HMB471	Project 1
HMB470	Practicum 1, or Elective (HM minor, discipline minor or general)
	Elective (HM minor, discipline minor or general)
	Elective (HM minor, discipline minor or general)

#### Year 4, Semester 2

HMB472	Project 2
HMB475	Practicum 2

### Third Level Units

All third level units are not available in every semester. Students should consult School noticeboards for availability.

HMB277	Exercise and Sport Nutrition
HMB361	Functional Anatomy 2
HMB362	Biomechanics 2
HMB363	Independent Study
HMB364	Seminars in Human Movement
HMB371	Motor Control And Learning 2
HMB379	Disorders of Human Movement
HMB374	Psychology of Rehabilitation
HMB375	Adapted Physical Activity
HMB376	Motor Development in Children
HMB377	Children in Sport
HMB381	Exercise Physiology 2
HMB383	Workplace Health
HMB384	Injury Prevention and Rehabilitation
HMB480	Advanced Exercise Prescription

#### Note:

1. HMB379 is compulsory for students who first enrolled in HM42 in 1998 or later.
2. Students who have successfully completed 288 credit points and have met the general requirements for a three year degree, may graduate with a Bachelor of Applied Science after seeking approval through the School of Human Movement Studies Student Affairs Officer on (07) 3864 5846.

## ■ Bachelor of Applied Science (Optometry) (OP42)

**Award title:** Bachelor of Applied Science (Optometry)

**CRICOS code:** 009031J

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Assoc Prof Peter Swann

### Professional Membership

In each State and Territory of Australia, the practice of optometry is regulated by Boards of Optometrical Registration which are statutory bodies set up under the Acts of the respective State Parliaments. Under these Acts, the practice of optometry is restricted to persons whose names appear on the Register. On completion of the degree at QUT, the graduate will have satisfied the requirements of the Optometrists' Board of Queensland and may apply for registration to practise as an optometrist in Queensland and all States and Territories of Australia.

### Special Course Requirements

The degree may be awarded with Honours, First Class Honours, Second Class Honours Division A and Second Class Honours Division B. Candidates for the degree with Honours must fulfil the requirements for the pass degree and achieve such standard of proficiency in all the units of the course as may from time to time be determined by the Health Academic Board.

Ophthalmic instruments are required by students for the clinical program from the beginning of the second and third years of the course. Academic staff provide advice regarding the purchase of these instruments. Costs are estimated to be \$5000. Students are also required to undertake first aid certification before entering the clinical program.

### Course Structure

#### Year 1, Semester 1

LSB119	Life Science for Optometrists
LSB152	Anatomy
MAB140	Quantitative Methods for Optometry and Health Science
PCB141	Chemistry for Clinical Health Professionals

#### Year 1, Semester 2

LSB275	Biomolecular Science
LSB250	Human Physiology
OPB250	Optometry 2
PCB240	Optics 1

#### Year 2, Semester 1

OPB350	Optometry 3
PCB340	Optics 3
OPB351	Visual Science 3
OPB352	Ocular Anatomy and Physiology 3

#### Year 2, Semester 2

OPB450	Optometry 4
LSB492	Microbiology
OPB451	Visual Science 4
OPB452	Ocular Anatomy and Physiology 4

#### Year 3, Semester 1

OPB550	Diseases of the Eye 5
OPB551	Optometry 5
OPB552	Advanced Optometry 5
OPB553	Clinical Practice 5

#### Year 3, Semester 2

OPB650	Diseases of the Eye 6
OPB651	Contact Lens Studies
OPB652	Pharmacology
OPB653	Clinical Practice 6

#### Year 4, Semester 1

OPB750	Topics in Optometry 7
OPB751	Advanced Optometry 7
OPB752	Clinical Practice 7
OPB753	Specialist Clinical Practice 7

#### Year 4, Semester 2

OPB850	Topics in Optometry 8
OPB851	Advanced Optometry 8
OPB852	Clinical Practice 8
OPB853	Specialist Clinical Practice 8

## ■ Bachelor of Behavioural Science (Psychology) (PY45)

**Award title:** Bachelor of Behavioural Science (Psychology)

**CRICOS code:** 034136C

**Location:** Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

### Professional Membership

The Bachelor of Behavioural Science (Psychology) provides students with a degree accredited by the Australian Psychological Society.

### Full-time Course Structure

#### Year 1, Semester 1

PYB000	Scholarship and Skills (Psychology)
PYB101	Introduction to Psychology 1A
PYB007	Interpersonal Processes and Skills Social Science Foundation Unit (see List A)

#### Year 1, Semester 2

PYB110	Psychological Research Methods
PYB102	Introduction to Psychology 1B
PYB208	Counselling Theory and Practice 1
PYB158	Introduction to Substance Abuse in Australia, or Elective

#### Year 2, Semester 1

PYB205	Social Psychology
PYB206	Personality
PYB210	Research Design and Data Analysis Elective

#### Year 2, Semester 2

PYB201	Perception
PYB203	Developmental Psychology Elective Elective

#### Year 3, Semester 1

PYB302	Industrial and Organisational Psychology
PYB303	Cognitive Psychology
PYB304	Physiological Psychology Elective

#### Year 3, Semester 2

PYB306	Psychopathology
PYB311	Psychological Assessment Elective Elective*

**Notes:** \*PYB350 is compulsory if you wish to continue into the Bachelor of Psychology (Honours) program, otherwise another elective can be taken.

### Part-time Course Structure

#### Semester 1

PYB101	Introduction to Psychology 1A
PYB000	Scholarship and Skills (Psychology)

#### Semester 2

PYB102	Introduction to Psychology 1B
PYB110	Psychological Research Methods

#### Semester 3

PYB007	Interpersonal Processes and Skills Social Science Foundation Unit (See List A)
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#### Semester 4

PYB208	Counselling Theory and Practice 1 Elective
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#### Semester 5

PYB205	Social Psychology
PYB210	Research Design and Data Analysis

#### Semester 6

PYB203	Developmental Psychology
PYB201	Perception

#### Semester 7

PYB206	Personality Elective
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#### Semester 8

	Elective
	Elective

#### Semester 9

PYB302	Industrial and Organisational Psychology
PYB303	Cognitive Psychology

#### Semester 10

PYB306	Psychopathology
PYB311	Psychological Assessment

#### Semester 11

PYB304	Physiological Psychology Elective
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#### Semester 12

	Elective
	Elective*

**Notes:** \*PYB350 is compulsory if you wish to continue into the Bachelor of Psychology (Honours) program. Otherwise another elective can be taken.

### List A: Social Science Foundation Units

In your first year of study (or first two years of study for part-time students), you are required to study one compulsory Social Science Foundation Unit from the list below, and one other elective unit. The Social Science Foundation unit can be completed in either 1st or 2nd semester, depending on your choice of unit and its availability. You should enrol in an elective unit in the other semester.

HHB103	Contemporary Social And Community Issues
HHB104	Understanding Society: Intro. To Sociology
HHB105	Exploring Change
HHB110	Introduction To International And Global Studies
HHB114	Introduction To Human Rights And Ethics
HHB115	Human Identity And Change
HHB210	Indigenous Australia: Country, Kin And Culture

### Psychology Electives

The following electives are offered in the Psychology program to enable diversity of choice at undergraduate and early postgraduate level and to allow innovative approaches to current and perceived community needs. However, such electives will be offered subject to staff availability and sufficient student enrolment to justify running the unit.

PYB054	Psychology and Gender
PYB067	Human Sexuality
PYB158	Introduction to Substance Abuse in Australia
PYB159	Alcohol and Other Drug Studies
PYB215	Forensic Psychology and the Law
PYB257	Group Work
PYB258	Introduction to Theory and Research in Hypnosis
PYB260	Psychopharmacology of Addictive Behaviour
PYB305	Applied Social Psychology
PYB307	Health Psychology
PYB353	Occupational and Vocational Psychology
PYB356	Counselling Theory and Practice 2
PYB358	Advanced Developmental Psychology
PYB359	Introduction to Family Therapy
PYB360	Interventions for Addictive Behaviours
PYB371	Introduction to Road Safety
PYB372	Traffic Psychology and Behaviour
PYB374	Applying Traffic Psychology
PYB350	Advanced Statistical Analysis

(essential for intending Honours students)

Elective units are subject to prerequisite requirements and the Course Coordinator may approve other electives. Minor sequences are available in public health and human services. Alternatively, students may wish to develop a major or minor sequence in any other School of the University, particularly within courses that have relevance to Psychology.

## ■ Bachelor of Health Science (Environmental Health) (PU40)

**Award title:** Bachelor of Health Science (Environmental Health)

**CRICOS code:** 022142D

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mrs Melinda Service

### Other Majors

See also the separate entries for the following majors in this course: Health Information Management or Health Services Management; Nutrition; or Public Health.

**Professional Membership**

Graduates of Bachelor of Health Science (Environmental Health) are eligible for membership of the Australian Institute of Environmental Health, Environment Institute of Australia, Public Health Association of Australia and the Australian Health Promotion Association.

**FOR CONTINUING STUDENTS ONLY****Full-time Course Structure****Year 1, Semester 1**

LSB142	Human Anatomy and Physiology
PCB140	Introductory Chemistry
PCB150	Physics 1H
PUB107	Sustainable Environments for Health

**Year 1, Semester 2**

PCB242	Chemistry 2
PCB263	Physics 2E
PUB112	Workplace Health and Safety
PUB251	Contemporary Public Health

**Year 2, Semester 1**

LSB118	Life Science
PUB308	Environmental Health Fundamentals
PUB314	Epidemiology and Statistics
PUB474	Food Studies, or
NRB300	Environmental Monitoring

**Year 2, Semester 2**

LSB415	Microbiology
PUB400	Environmental Protection
PUB409	Communicable Disease: Prevention and Control
PUB406	Health Promotion Strategies, or
PUB407	Environmental Pollution, or
NRB300	Environmental Monitoring

**Year 3, Semester 1**

PUB510	Legal Frameworks for Environmental Health Practice
PUB517	Food Hygiene Studies
Choose TWO from:	

PUB506	Foodservice Management
PUB511	Health Policy, Planning and Evaluation
PUB354	Occupational Health, or
PUB514	Contract/Project Management

**Year 3, Semester 2**

PUB316	Research Methods
PUB604	Policy and Management Principles for Environmental Health
PUB611	Risk Management
PUB630	Environmental Health Practice

**■ Bachelor of Health Science (Environmental Health) - Graduate Entry (PU40)**

**Award title:** Bachelor of Health Science (Study Area A)

**Location:** Kelvin Grove

**Course duration (full-time):** 1.5 to 2 years

**Standard credit points per semester (full-time):** 48 credit points

**Course coordinator:** Melinda Service

**Discipline coordinator:** Mr Terry Farr

**Course Structure**

Applicants should refer to the PU40 Bachelor of Health Science (Environmental Health) information for course structure. One to one and a half years credit may be granted to students who have completed an appropriate undergraduate degree.

**Professional Membership**

Graduates of Bachelor of Health Science (Environmental Health) are eligible for membership of the Australian Institute of Environmental Health, Environment Institute of Australia, Public Health Association of Australia and the Australian Health Promotion Association.

**FOR CONTINUING STUDENTS ONLY****■ Bachelor of Health Science (Health Information Management or Health Services Management) (PU40)**

**Award title:** Bachelor of Health Science (Study Area A)

**CRICOS code:** 022142D

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mrs Melinda Service

**Discipline coordinator:** Health Information Management: Dr Josie Di Donato; Health Services Management: Dr Josie Di Donato

**Other Majors**

See also the separate entries for the following majors in this course: Nutrition or Public Health.

**Professional Membership****Health Information Management**

Graduates of the Bachelor of Health Science (Health Information Management) are eligible for membership of the Health Information Management Association of Australia, the Clinical Coders Society of Australia, and the Australian College of Health Service Executives.

**Health Services Management**

Graduates of the Bachelor of Health Science (Health Services Management) are eligible for membership of the Australian College of Health Service Executives.

**Full-time Course Structure****Health Information Management****Year 1, Semester 1**

PUB104	Introduction to Health Services Management
PUB108	Information Management for Health
PUB118	Computer Systems for Health Management
PUB220	Medical Terminology

**Year 1, Semester 2**

LSB475	Disease Processes 4
LWS001	Medicine And The Law
PUB251	Contemporary Public Health
PYB086	Interpersonal and Group Processes

**Year 2, Semester 1**

BSB115	Management, People and Organisations
LSB142	Human Anatomy and Physiology
PUB326	Epidemiology
PUB398	Health Information Services

**Year 2, Semester 2**

MGB207	Human Resource Issues and Strategy
PUB356	Clinical Classification
PUB480	Health Administration Finance
PUB490	Quality Management in Health

**Year 3, Semester 1**

PUB380	Casemix Management
PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management
PUB558	Medical Documentation and Abstraction for Classification

**Year 3, Semester 2**

PUB609	Health Resource Allocation
PUB633	Health Informatics
PUB669	Management of Health Information Services
PUB875	Professional Practice

**Health Services Management****Year 1, Semester 1**

LSB111	Understanding Disease Concepts
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health
PUB251	Contemporary Public Health

**Year 1, Semester 2**

BSB115	Management, People and Organisations
LWS001	Medicine And The Law
PUB209	Health, Culture and Society
PYB012	Psychology

### Year 2, Semester 1

PUB326	Epidemiology
PUB380	Casemix Management
	Major 2 Or Minor 1
	Major 2 Or Minor 2 Or Elective

### Year 2, Semester 2

PUB480	Health Administration Finance
PUB490	Quality Management in Health
	Major 2 Or Minor 1
	Major 2 Or Minor 2 Or Elective

### Year 3, Semester 1

PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management
	Major 2 Or Minor 1
	Major 2 Or Minor 2 Or Elective

### Year 3, Semester 2

PUB609	Health Resource Allocation
PUB875	Professional Practice
	Major 2 Or Minor 1
	Major 2 Or Minor 2 Or Elective

## HSM Minor Elective Lists

### Minor Elective Information for the Health Services Management Major

The course structure consists of:

- a major in Health Services Management PLUS the opportunity to select from one of the following:
- a major in Public Health (Major 2) comprised of 84cp including the following core units: PUB201, PUB329, PUB416, PUB461, PUB561, PUB565, PUB406, and one 12cp unit selected from the minor elective lists below., or
- two minors (Minor 1 and Minor 2) each of which are comprised of 48cp selected from the minor electives lists below. , or
- one minor and four electives (Minor 1 and Electives) selected from the minor elective lists below. You must ensure that you satisfy all prerequisites and that only one of the four electives is at an introductory level.

#### Note:

\* To select a minor or elective from outside the recommended list below, you must seek approval from the Academic Affairs Officer.

\* You may only select up to four minor elective units (48 credit points) from outside of the School of Public Health.

#### Accounting and Finance

AYB121	Financial Accounting
AYB220	Company Accounting
AYB225	Management Accounting
BSB110	Accounting

#### Health, Safety and Environment

PUB112	Workplace Health and Safety
PUB354	Occupational Health
PUB611	Risk Management
PUB632	Independent Study

#### Human Resource Management

BSB122	Quantitative Analysis and Finance
MGB211	Organisational Behaviour
MGB220	Management Research Methods
MGB222	Managing Organisations
MGB309	Strategic Management
MGB314	Organisational Consulting and Change

#### Indigenous Health

HHB254	Indigenous Australian Culture Studies
PUB406	Health Promotion Strategies
PUB557	Health Needs of Indigenous Australians and Other Populations
PUB644	Health Promoting Schools

#### International Business

BSB119	International and Electronic Business
IBB208	European Business Development
IBB211	Globalisation and Business
IBB217	Asian Business Development
IBB300	International Business Strategy
IBB308	Contemporary Business in Europe
IBB317	Contemporary Business in Asia
LWB240	Principles of Equity

#### Management

BSB126	Marketing
MGB222	Managing Organisations
MGB309	Strategic Management
MGB334	Managing in a Changing Environment

### Marketing

AMB200	Consumer Behaviour
AMB240	Marketing Planning and Management
AMB341	Strategic Marketing
BSB126	Marketing

### Women's Health

PUB336	Women's Health
PUB406	Health Promotion Strategies
PUB632	Independent Study
PYB054	Psychology and Gender

### General Electives

The complete list of General Electives is available on the current PU40 Course Summary Sheet.

## ■ Bachelor of Health Science (Nutrition and Dietetics) (PU43)

**Award title:** Bachelor of Health Science (Nutrition and Dietetics)

**CRICOS code:** 022143C

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mrs Melinda Service

### Other Majors

See also the separate entry for the following major in this course: Podiatry.

### Professional Membership

Graduates are eligible for membership of the Dietitians Association of Australia, and may enrol in the APD (Accredited Practising Dietitian Program). They are also eligible for membership of the Public Health Association of Australia, the Australian Health Promotion Association, Sports Dietitian Association, and Sports Medicine Australia.

### Full-time Course Structure

#### Year 1, Semester 1

PCB142	Chemistry 1
PUB104	Introduction to Health Services Management
PUB251	Contemporary Public Health
PUB474	Food Studies

#### Year 1, Semester 2

LSB255	Human Anatomy
PCB242	Chemistry 2
PUB201	Food and Nutrition
PYB012	Psychology

#### Year 2, Semester 1

LSB308	Biochemistry
LSB358	Physiology 1
PUB326	Epidemiology
PUB341	Nutrition Education

#### Year 2, Semester 2

LSB408	Metabolism
LSB458	Physiology 2
PUB405	Nutrition Science
HMB273	Exercise Physiology 1, or
LSB658	Clinical Physiology

#### Year 3, Semester 1

PUB506	Foodservice Management
PUB509	Nutrition
PUB541	Medical Nutrition Therapy 1
PUB561	Quantitative Analysis for Health

#### Year 3, Semester 2

PUB501	Applied Counselling for Health Professionals
PUB628	Advanced Food Studies
PUB641	Medical Nutrition Therapy 2
PUB875	Professional Practice

#### Year 4, Semester 1

PUB723	Clinical Dietetic Practice
PUB821-1	Practice in Community Nutrition
PUB822-1	Practice in Food Service Management
	Minor Elective

#### Year 4, Semester 2

PUB606	Dietetic Management
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- PUB821-2 Practice in Community Nutrition  
 PUB822-2 Practice in Food Service Management  
 Minor Elective  
 Minor Elective

**Note:** \*Credentialing requirements are for four semesters of study in anatomy/physiology. Students must choose either HMB273 Exercise Physiology 1 or LSB658 Clinical Physiology as their fourth unit.

#### **Elective Units for the Nutrition and Dietetics Major**

Students are required to select four electives which constitute a minor (see topics below) OR four electives from the approved list below.

If selecting a mix of elective units (as opposed to a pre-approved minor), students must ensure that no more than one elective is at an introductory level.

Elective units are subject to prerequisite requirements, credit points, and availability of the unit and approval of the Course Coordinator.

#### **Alcohol and Drug Studies**

- PYB158 Introduction to Substance Abuse in Australia  
 PYB159 Alcohol and Other Drug Studies  
 PYB260 Psychopharmacology of Addictive Behaviour  
 PYB360 Interventions for Addictive Behaviours

#### **Clinical Science**

- LSB658 Clinical Physiology, plus  
 48 credit points selected from the following:  
 LSB365 Pathology  
 LSB438 Immunology 1  
 LSB415 Microbiology  
 LSB508 Advanced Metabolism  
 PUB632 Independent Study

#### **Counselling**

- PYB007 Interpersonal Processes and Skills  
 PYB208 Counselling Theory and Practice 1  
 Choose two of the following:  
 PYB159 Alcohol and Other Drug Studies  
 PYB257 Group Work  
 PYB356 Counselling Theory and Practice 2  
 PYB359 Introduction to Family Therapy  
 PYB360 Interventions for Addictive Behaviours

#### **Dietetic Management**

- 48 credit points selected from the following:  
 LWS001 Medicine And The Law  
 PUB354 Occupational Health  
 PUB380 Casemix Management  
 PUB480 Health Administration Finance  
 PUB490 Quality Management in Health  
 PUB511 Health Policy, Planning and Evaluation

#### **Exercise**

- HMB273 Exercise Physiology 1, plus  
 48 credit points selected from the following:  
 HMB272 Biomechanics  
 HMB274 Functional Anatomy  
 HMB277 Exercise and Sport Nutrition  
 HMB332 Health Related Fitness  
 HMB333 Child and Adolescent Health  
 HMB379 Disorders of Human Movement  
 HMB381 Exercise Physiology 2  
 HMB382 Principles Of Exercise Prescription  
 HMB383 Workplace Health  
 PUB632 Independent Study

#### **General Electives in Food Safety**

- LSB415 Microbiology  
 PUB517 Food Hygiene Studies

#### **Health Management**

- PUB480 Health Administration Finance  
 PUB511 Health Policy, Planning and Evaluation  
 PUB514 Contract/Project Management  
 PUB609 Health Resource Allocation  
 PUB611 Risk Management  
 PUB632 Independent Study

#### **Health Promotion**

- PUB107 Sustainable Environments for Health  
 PUB336 Women's Health  
 PUB406 Health Promotion Strategies  
 PUB511 Health Policy, Planning and Evaluation  
 PUB514 Contract/Project Management  
 PUB557 Health Needs of Indigenous Australians and Other Populations  
 PUB565 International Health  
 PUB644 Health Promoting Schools

#### **Private Practice**

- BSB110 Accounting  
 LWS001 Medicine And The Law  
 PUB826 Project and Professional Management  
 BSB113 Economics, or  
 BSB114 Government, Business and Society, or  
 BSB126 Marketing

#### **Research**

- HLN405 Qualitative Research  
 HLN706 Advanced Quantitative Research Methods  
 PUB416 Research Methods  
 PUB461 Qualitative Inquiry in Public Health  
 PUB632 Independent Study

## ■ Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies) (HL42)

**Award title:** Bachelor of Applied Science (Human Movement Studies)/Bachelor of Health Science (Nutrition and Dietetics)

**CRICOS code:** 031579M

**Location:** Kelvin Grove

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 48 (6 semesters) 60 (4 semesters)

**Course coordinator:** Dr Graham Costin

### **Professional Membership**

Graduates are eligible for membership of the Dietitians Association of Australia and may enrol in the APD (Accredited Practising Dietitian) program. Graduates are also eligible for membership in the Australian Association for Exercise and Sports Science.

### **Full-time Course Structure**

#### **Year 1, Semester 1**

- LSB131 Anatomy  
 PCB142 Chemistry 1  
 PUB251 Contemporary Public Health  
 PUB474 Food Studies

#### **Year 1, Semester 2**

- HMB171 Fitness Health and Wellness  
 HMB276 Research in Human Movement  
 PCB242 Chemistry 2  
 PUB201 Food and Nutrition  
 PYB007 Interpersonal Processes and Skills

#### **Year 2, Semester 1**

- HMB271 Foundations Of Motor Control, Learning And Development  
 HMB274 Functional Anatomy  
 HMB313 Socio-Cultural Foundations of Physical Activity  
 LSB308 Biochemistry  
 LSB358 Physiology 1

#### **Year 2, Semester 2**

- HMB272 Biomechanics  
 HMB273 Exercise Physiology 1  
 LSB408 Metabolism  
 LSB458 Physiology 2  
 PUB405 Nutrition Science

#### **Year 3, Semester 1**

- HMB379 Disorders of Human Movement  
 PUB326 Epidemiology  
 PUB506 Foodservice Management  
 PUB541 Medical Nutrition Therapy 1  
 PYB012 Psychology

#### **Year 3, Semester 2**

- HMB275 Exercise and Sport Psychology  
 PUB628 Advanced Food Studies  
 PUB641 Medical Nutrition Therapy 2  
 HMB282 Resistance Training

#### **Year 4, Semester 1**

- HMB277 Exercise and Sport Nutrition  
 HMB382 Principles Of Exercise Prescription  
 PUB509 Nutrition  
 HMB313 Socio-Cultural Foundations of Physical Activity

#### **Year 4, Semester 2**

- HMB470 Practicum 1

HMB471	Project 1
PUB501	Applied Counselling for Health Professionals
PUB875	Professional Practice
<b>Year 5, Semester 1</b>	
HMB472	Project 2
PUB723	Clinical Dietetic Practice
PUB821-1	Practice in Community Nutrition
PUB822-1	Practice in Food Service Management
<b>Year 5, Semester 2</b>	
HMB475	Practicum 2
PUB606	Dietetic Management
PUB821-2	Practice in Community Nutrition
PUB822-2	Practice in Food Service Management

## ■ Bachelor of Health Science (Nutrition) (PU40)

**Award title:** Bachelor of Health Science (Nutrition)

**CRICOS code:** 022142D

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Melinda Service

**Discipline coordinator:** Dr Philippa Lyons-Wall

### Other Majors

See also the separate entries for the following majors in this course: Health Information Management or Health Services Management; or Public Health.

### Professional Membership

Graduates are eligible for membership of the Public Health Association of Australia and the Australian Health Promotion Association.

### Full-time Course Structure

#### Year 1, Semester 1

PCB142	Chemistry 1
PUB104	Introduction to Health Services Management
PUB251	Contemporary Public Health
PUB474	Food Studies

#### Year 1, Semester 2

LSB255	Human Anatomy
PCB242	Chemistry 2
PUB201	Food and Nutrition
PYB012	Psychology

#### Year 2, Semester 1

LSB308	Biochemistry
LSB358	Physiology 1
PUB326	Epidemiology
PUB341	Nutrition Education

#### Year 2, Semester 2

LSB408	Metabolism
LSB458	Physiology 2
PUB405	Nutrition Science
	Minor Elective

#### Year 3, Semester 1

PUB509	Nutrition
PUB514	Contract/Project Management
PUB557	Health Needs of Indigenous Australians and Other Populations
	Minor Elective

#### Year 3, Semester 2

PUB336	Women's Health
PUB875	Professional Practice
	Minor Elective
	Minor Elective

### NUT Minor Elective Lists

#### Minor Elective Lists

Students are required to select a minor which constitutes a coherent body of study. Examples of what constitutes a minor appear below.

Minor elective units are subject to prerequisite requirements, and approval of the Course Coordinator.

#### Alcohol and Drug Studies

PYB158	Introduction to Substance Abuse in Australia
PYB159	Alcohol and Other Drug Studies

PYB260	Psychopharmacology of Addictive Behaviour
PYB360	Interventions for Addictive Behaviours

#### Clinical Science

LSB658	Clinical Physiology, plus 48 credit points selected from the following:
LSB365	Pathology
LSB438	Immunology 1
LSB415	Microbiology
LSB508	Advanced Metabolism
PUB632	Independent Study

#### Counselling

PYB007	Interpersonal Processes and Skills
PYB208	Counselling Theory and Practice 1, plus Choose two of the following:
PYB159	Alcohol and Other Drug Studies
PYB257	Group Work
PYB356	Counselling Theory and Practice 2
PYB359	Introduction to Family Therapy
PYB360	Interventions for Addictive Behaviours

#### Exercise

HMB273	Exercise Physiology 1, plus 48 credit points selected from the following:
HMB272	Biomechanics
HMB274	Functional Anatomy
HMB277	Exercise and Sport Nutrition
HMB332	Health Related Fitness
HMB333	Child and Adolescent Health
HMB379	Disorders of Human Movement
HMB381	Exercise Physiology 2
HMB382	Principles Of Exercise Prescription
HMB383	Workplace Health
PUB632	Independent Study

#### General Electives in Food Safety

LSB415	Microbiology
PUB517	Food Hygiene Studies

#### Health Management

PUB480	Health Administration Finance
PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management
PUB609	Health Resource Allocation
PUB611	Risk Management
PUB632	Independent Study

#### Health Promotion

PUB107	Sustainable Environments for Health
PUB336	Women's Health
PUB406	Health Promotion Strategies
PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management
PUB557	Health Needs of Indigenous Australians and Other Populations
PUB565	International Health
PUB644	Health Promoting Schools

#### Research

HLN405	Qualitative Research
HLN706	Advanced Quantitative Research Methods
PUB416	Research Methods
PUB461	Qualitative Inquiry in Public Health
PUB561	Quantitative Analysis for Health
PUB632	Independent Study

## ■ Bachelor of Health Science (Paramedic) (PU46)

**Award title:** Bachelor of Health Science (Paramedic)

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

### Professional recognition

Graduates from this course will be eligible for membership of the Australian College of Ambulance Professionals.

### Full-time Course Structure

#### Year 1, Semester 1

LSB182	Bioscience 1
PUB104	Introduction to Health Services Management
PUB180	Foundations of Paramedic Practice 1



PUB251	Contemporary Public Health
<b>Year 1, Semester 2</b>	
LSB282	Bioscience 2
PUB209	Health, Culture and Society
PUB280	Foundations of Paramedic Practice 2
PYB111	Paramedic Communication Skills
<b>Year 1, Semester 3 (Summer)</b>	
PUB270	Paramedic Clinical Practice 1
<b>Year 2, Semester 1</b>	
LSB382	Bioscience 3
PUB326	Epidemiology
PUB390	Paramedic Management of Medical and Surgical Emergencies A
PUB391	Paramedic Management of Medical and Surgical Emergencies B
<b>Year 2, Semester 2</b>	
PUB416	Research Methods
PUB450	Paramedic Management of Trauma Emergencies
PUB470	Paramedic Clinical Practice 2
PUB486	Ethics and the Law in Health Service Delivery
<b>Year 3, Semester 3</b>	
PUB550	Paramedic Management of Obstetric, Paediatric and Behavioural Emergencies
PUB555	Paramedic Management of Infectious Diseases, Toxicological and Environmental Emergencies
PUB570	Paramedic Clinical Practice 3
<b>Year 3, Semester 2</b>	
PUB670	Paramedic Clinical Practice 4
PUB680	Professional Development in Paramedic Practice

## ■ Bachelor of Health Science (Podiatry) (PU43)

**Award title:** Bachelor of Health Science (Podiatry)

**CRICOS code:** 022143C

**Location:** Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Ms Melinda Service

**Discipline coordinator:** Mr Alan Crawford

### Other Majors

See also the separate entry for the following major in this course:  
Nutrition and Dietetics.

### Professional Membership

Graduates are eligible for State Registration throughout Australia. This qualification is also acceptable for registration in the United Kingdom, New Zealand and some European countries. Graduates may also become Members of the Australian Podiatry Association and are eligible to apply for membership of Sports Medicine Australia.

### Full-time Course Structure

<b>Year 1, Semester 1</b>	
LSB131	Anatomy
PCB141	Chemistry for Clinical Health Professionals
PUB251	Contemporary Public Health
PYB012	Psychology
<b>Year 1, Semester 2</b>	
HMB272	Biomechanics
LSB235	Advanced Anatomy
LSB275	Biomolecular Science
LSB475	Disease Processes 4
<b>Year 2, Semester 1</b>	
HMB274	Functional Anatomy
LSB451	Human Physiology
PUB326	Epidemiology
PUB339	Podiatric Medicine 1
<b>Year 2, Semester 2</b>	
LSB492	Microbiology
PUB437	Pharmacology
PUB438	Medicine
PUB439	Podiatric Medicine 2
<b>Year 3, Semester 1</b>	
PUB522	Podiatric Anaesthesiology

PUB537	Radiographic Image Interpretation
PUB538	Physical Medicine
PUB539	Podiatric Medicine 3
<b>Year 3, Semester 2</b>	
PUB416	Research Methods
PUB635	Podiatric Surgery
PUB638	Orthopaedics and Sports Medicine
PUB639	Podiatric Medicine 4
<b>Year 4, Semester 1</b>	
PUB738	Advanced Clinical Studies 1
PUB739	Podiatric Medicine 5
	Minor Elective
	Minor Elective

### Year 4, Semester 2

PUB826	Project and Professional Management
PUB838	Advanced Clinical Studies 2
PUB839	Podiatric Medicine 6
	Minor Elective

### MINOR ELECTIVE LISTS

Students are required to select a minor which constitutes a coherent body of study.

Examples of what constitute a minor appear below. Minor elective units are subject to prerequisite requirements, and approval of the Course Coordinator.

#### Exercise Studies

HMB271	Foundations Of Motor Control, Learning And Development
HMB273	Exercise Physiology 1
HMB274	Functional Anatomy, plus one of the following:
HMB361	Functional Anatomy 2
HMB371	Motor Control And Learning 2
HMB383	Workplace Health
HMB384	Injury Prevention and Rehabilitation

#### Public Health

PUB326	Epidemiology
PUB511	Health Policy, Planning and Evaluation
PUB406	Health Promotion Strategies

#### Research

PUB326	Epidemiology
PUB416	Research Methods
PUB632	Independent Study
PUN105	Health Statistics

## ■ Bachelor of Health Science (Podiatry)/Bachelor of Applied Science (Human Movement Studies) (HL43)

**Award title:** Bachelor of Applied Science (Human Movement Studies)/Bachelor of Health Science (Podiatry)

**CRICOS code:** 047455C

**Location:** Kelvin Grove

**Course duration (full-time):** 5 years

**Total credit points:** 528

**Course coordinator:** Public Health: Dr Melinda Service; Human Movement Studies: Dr Graham Costin

### Professional Membership

Graduates are eligible for membership of the Australian Podiatry Association and can also apply for membership of Sports Medicine Australia. Graduates are also eligible for membership in the Australian Association for Exercise and Sports Science.

### Full-time Course Structure

<b>Year 1, Semester 1</b>	
LSB131	Anatomy
PCB141	Chemistry for Clinical Health Professionals
PUB251	Contemporary Public Health
PYB012	Psychology
<b>Year 1, Semester 2</b>	
HMB171	Fitness Health and Wellness
HMB272	Biomechanics
LSB235	Advanced Anatomy
LSB275	Biomolecular Science
LSB475	Disease Processes 4
<b>Year 2, Semester 1</b>	
LSB451	Human Physiology
HMB313	Socio-Cultural Foundations of Physical Activity
PUB326	Epidemiology

PUB339	Podiatric Medicine 1
<b>Year 2, Semester 2</b>	
HMB172	Nutrition and Physical Activity
LSB492	Microbiology
PUB437	Pharmacology
PUB438	Medicine
PUB439	Podiatric Medicine 2
<b>Year 3, Semester 1</b>	
HMB271	Foundations Of Motor Control, Learning And Development
HMB274	Functional Anatomy
PUB537	Radiographic Image Interpretation
PUB539	Podiatric Medicine 3
<b>Year 3, Semester 2</b>	
HMB273	Exercise Physiology 1
HMB275	Exercise and Sport Psychology
HMB276	Research in Human Movement
PUB638	Orthopaedics and Sports Medicine
PUB639	Podiatric Medicine 4
<b>Year 4, Semester 1</b>	
HMB379	Disorders of Human Movement
HMB382	Principles Of Exercise Prescription
PUB522	Podiatric Anaesthesiology
PUB538	Physical Medicine
PUB739	Podiatric Medicine 5
<b>Year 4, Semester 2</b>	
HMB471	Project 1
PUB635	Podiatric Surgery
PUB826	Project and Professional Management
PUB839	Podiatric Medicine 6
<b>Year 5, Semester 1</b>	
HMB470	Practicum 1
HMB472	Project 2
HMB480	Advanced Exercise Prescription
PUB738	Advanced Clinical Studies 1
<b>Year 5, Semester 2</b>	
HMB475	Practicum 2
PUB838	Advanced Clinical Studies 2

## ■ Bachelor of Health Science (Public Health) (PU40)

**Award title:** Bachelor of Health Science (Public Health)

**CRICOS code:** 022142D

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mrs Melinda Service

**Discipline coordinator:** Dr Michael Dunne

### Other Majors

See also the separate entries for the following majors in this course: Health Information Management or Health Services Management; or Nutrition.

### Professional Membership

Graduates are eligible for membership of the Public Health Association of Australia and the Australian Health Promotion Association.

### Course Structure

#### Year 1, Semester 1

LSB111	Understanding Disease Concepts
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health
PUB251	Contemporary Public Health

#### Year 1, Semester 2

BSB115	Management, People and Organisations
PUB209	Health, Culture and Society
PYB012	Psychology
PUB201	Food and Nutrition

#### Year 2, Semester 1

PUB326	Epidemiology
PUB329	Foundations of Health Studies and Health Behaviour
	Major 2 OR Minor 1
	Major 2 OR Minor 1 OR Elective

#### Year 2, Semester 2

PUB416	Research Methods
PUB461	Qualitative Inquiry in Public Health
	Major 2 OR Minor 1
	Major 2 OR Minor 1 OR Elective

#### Year 3, Semester 1

PUB561	Quantitative Analysis for Health
PUB565	International Health
	Major 2 OR Minor 1
	Major 2 OR Minor 1 OR Elective

#### Year 3, Semester 2

PUB406	Health Promotion Strategies
PUB875	Professional Practice
	Major 2 OR Minor 1
	Major 2 OR Minor 1 OR Elective

### PUH Minor Elective Lists

#### Minor Elective Information for the Public Health Major

The course structure consists of:

- a major in Public Health PLUS the opportunity to select from one of the following:
- a major in Health Services Management (Major 2) comprised of 96cp including the following core units: LWS001, MGB207, PUB380, PUB480, PUB490, PUB511, PUB514, and PUB609., or
- two minors (Minor 1 and Minor 2) each of which are comprised of 48cp selected from the minor electives lists below., or
- one minor and four electives (Minor 1 and Electives) selected from the minor elective lists below. You must ensure that you satisfy all prerequisites and that only one of the four electives is at an introductory level.

#### Note:

\* To select a minor or elective from outside the recommended list below, you must seek approval from the Academic Affairs Officer.

\* You may only select up to four minor elective units (48 credit points) from outside of the School of Public Health.

#### Alcohol and Drug Studies

PYB158	Introduction to Substance Abuse in Australia
PYB159	Alcohol and Other Drug Studies
PYB260	Psychopharmacology of Addictive Behaviour
PYB360	Interventions for Addictive Behaviours

#### Community Nutrition

PUB341	Nutrition Education
PUB474	Food Studies
PUB509	Nutrition
PUB632	Independent Study

#### Environmental Health

LSB415	Microbiology
PUB517	Food Hygiene Studies
PUB400	Environmental Protection
PUB409	Communicable Disease: Prevention and Control

#### General Studies in Psychology

PYB159	Alcohol and Other Drug Studies
PYB203	Developmental Psychology
PYB205	Social Psychology
PYB307	Health Psychology

#### Health Education

HMB171	Fitness Health and Wellness
PUB632	Independent Study
PUB644	Health Promoting Schools
SPB023	Adult Learning and Development

#### Indigenous Health

EDB007	Culture Studies: Indigenous Education
HHB123	Indigenous Australian Culture Studies
PUB557	Health Needs of Indigenous Australians and Other Populations
PUB632	Independent Study

#### Women's Health

PUB336	Women's Health
PUB632	Independent Study
PYB054	Psychology and Gender
SPB007	Human Sexuality and Learning

#### General Electives

PUB112	Workplace Health and Safety
PUB308	Environmental Health Fundamentals
PUB349	Families and Households
PUB354	Occupational Health
PUB407	Environmental Pollution
PUB480	Health Administration Finance
PUB490	Quality Management in Health

PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management
PUB611	Risk Management

## ■ Bachelor of Nursing (NS40)

**Award title:** Bachelor of Nursing

**CRICOS code:** 003501K

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years (February entry only)

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Alan Barnard

### Professional Membership

This course is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member.

Domestic or international students who complete the preregistration stream of studies (288 credit points) are eligible for registration within Australia, and have been successful in obtaining registration in Britain, New Zealand and North America. Eligible international registered nurses who complete a specified course of study (96 credit points) are also eligible for registration within Australia.

### Course Requirements

The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform while on clinical practice, the cost of which is approximately \$150. Students enrolling in this program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

### Full-time Course Structure

#### Year 1, Semester 1

LSB182	Bioscience 1
NSB117	Nursing and the Health Care System
NSB225	Promoting Health Across the Lifespan
PYB073	Introduction to Behavioural Science and Health Care

#### Year 1, Semester 2

LSB282	Bioscience 2
NSB113	Values, Culture and Diversity
NSB118	Health Assessment and Nursing Practice
NSB122	Clinical Practice 1

#### Year 2, Semester 1

LSB382	Bioscience 3
NSB212	Clinical Practice 2
NSB223	Mental Health Nursing
NSB324	Medical-Surgical Nursing 1

#### Year 2, Semester 2

HHB120	Ethics, Law And Health Care
NSB222	Clinical Practice 3
NSB224	Research Approaches in Nursing
NSB423	Medical-Surgical Nursing 2

#### Year 3, Semester 1

NSB322	Clinical Practice 4
NSB424	Nursing Therapeutics
NSB500	Medical-Surgical Nursing 3
NSB501	Politics, Technology and Nursing

#### Year 3, Semester 2

NSB321	Professional Nursing Development
NSB333	Clinical Practice 5
	Elective

### Full-time Course Structure - Mid-year intake

#### Year 1, Semester 1 (July)

LSB182	Bioscience 1
NSB118	Health Assessment and Nursing Practice
PUB209	Health, Culture and Society
PYB012	Psychology

#### Year 1, Semester 2 (Feb)

LSB382	Bioscience 3
NSB117	Nursing and the Health Care System
NSB122	Clinical Practice 1
NSB225	Promoting Health Across the Lifespan

#### Year 2, Semester 1 (July)

LSB282	Bioscience 2
NSB212	Clinical Practice 2
NSB223	Mental Health Nursing
NSB324	Medical-Surgical Nursing 1

#### Year 2, Semester 2 (Feb)

HHB120	Ethics, Law And Health Care
NSB222	Clinical Practice 3
NSB224	Research Approaches in Nursing
NSB423	Medical-Surgical Nursing 2

#### Year 3, Semester 1 (July)

NSB322	Clinical Practice 4
NSB424	Nursing Therapeutics
NSB500	Medical-Surgical Nursing 3
NSB501	Politics, Technology and Nursing

#### Year 3, Semester 2 (Feb)

NSB321	Professional Nursing Development
NSB333	Clinical Practice 5
	Elective

### Part-time Course Structure

#### Year 1, Semester 1

LSB182	Bioscience 1
NSB117	Nursing and the Health Care System

#### Year 1, Semester 2

LSB282	Bioscience 2
NSB113	Values, Culture and Diversity

#### Year 2, Semester 1

NSB225	Promoting Health Across the Lifespan
PYB073	Introduction to Behavioural Science and Health Care

#### Year 2, Semester 2

NSB118	Health Assessment and Nursing Practice
NSB122	Clinical Practice 1

#### Year 3, Semester 1

LSB382	Bioscience 3
NSB324	Medical-Surgical Nursing 1

#### Year 3, Semester 2

HHB120	Ethics, Law And Health Care
NSB423	Medical-Surgical Nursing 2

#### Year 4, Semester 1

NSB223	Mental Health Nursing
NSB212	Clinical Practice 2

#### Year 4, Semester 2

NSB222	Clinical Practice 3
NSB224	Research Approaches in Nursing

#### Year 5, Semester 1

NSB424	Nursing Therapeutics
NSB501	Politics, Technology and Nursing

#### Year 5, Semester 2

NSB321	Professional Nursing Development
	Elective (see list below)

#### Year 6, Semester 1

NSB322	Clinical Practice 4
NSB500	Medical-Surgical Nursing 3

#### Year 6, Semester 2

NSB333	Clinical Practice 5
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### Elective list

#### Elective List (subject to availability)

NSB600	Introduction to Nursing Children and Childbearing Families
NSB602	Pain Management and Contemporary Nursing Practice
NSB603	Introduction to Cardiothoracic Nursing
NSB604	Introduction to Dementia and Family Care
NSB605	Nursing in a Technological World
NSB421	Independent Study
PYB257	Group Work
PYB360	Interventions for Addictive Behaviours
NSB312	Family and Community Nursing, or any other unit approved by the School of Nursing

## ■ Bachelor of Nursing - Graduate Entry (NS40)

**Award title:** Bachelor of Nursing

**CRICOS code:** 046054F

**Location:** Kelvin Grove

**Course duration (full-time):** 2 Years

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Alan Barnard

### Professional Membership

This course is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member. Domestic or international students who complete the pre-registration stream of studies (288 credit points) are eligible for registration within Australia, and have been successful in obtaining registration in Britain, New Zealand and North America. Eligible international registered nurses who complete a specified course of study (96 credit points) are also eligible for registration within Australia.

### Course Requirements

The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform while on clinical practice, the cost of which is approximately \$150. Students enrolling in this program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

### Full-time Course Structure

*For Preregistration students who have completed an undergraduate degree*

#### Year 1, Semester 1

LSB111	Understanding Disease Concepts
NSB324	Medical-Surgical Nursing 1
NSB223	Mental Health Nursing
NSB122	Clinical Practice 1
NSB212	Clinical Practice 2

#### Year 1, Semester 2

NSB423	Medical-Surgical Nursing 2
HHB120	Ethics, Law And Health Care
NSB222	Clinical Practice 3

#### Year 2, Semester 1

NSB500	Medical-Surgical Nursing 3
NSB501	Politics, Technology and Nursing
NSB322	Clinical Practice 4
NSB424	Nursing Therapeutics

#### Year 2, Semester 2

NSB321	Professional Nursing Development
	Elective
NSB333	Clinical Practice 5

## ■ Bachelor of Nursing - Postregistration (NS40)

**Award title:** Bachelor of Nursing

**CRICOS code:** 000451F

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years (February entry only)

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Alan Barnard

### FOR CONTINUING STUDENTS ONLY

## Streams in NS40 Bachelor of Nursing

The Bachelor of Nursing (NS40) course provides streams of study for both preregistration and postregistration students (ie those who have already completed a qualification leading to registration as a nurse).

Registered nurses who enrol in the NS40 Bachelor of Nursing course can choose between two different study pathways. Pathway 1 is designed as a Bachelor degree upgrade for domestic registered nurses with a Diploma or hospital certificate and overseas registered nurses not seeking registration within Australia. Eight units, including 2 core units, must be completed. Please note that this stream is not a Nursing "re-entry" course and completion does not lead to registration as a nurse within Australia. The course structure for Pathway 1 is shown below.

Pathway 2 is available to International students only and is also designed as a Bachelor degree upgrade. In addition, students who complete the prescribed eight unit program will be eligible for registration with the Queensland Nursing Council.

### Professional Membership

The Bachelor of Nursing is recognised by the Royal College of Nursing, Australia, as satisfying the academic requirements for admission as a professional member.

### Full-time Course Structure

#### Year 1, Semester 1

Select 4 units:

NSB223	Mental Health Nursing
NSB501	Politics, Technology and Nursing
PYB073	Introduction to Behavioural Science and Health Care
	Any other approved unit/s

#### Year 1, Semester 2

NSB321	Professional Nursing Development
NSB224	Research Approaches in Nursing
	Select 2 more units
NSB113	Values, Culture and Diversity
HHB120	Ethics, Law and Health Care, or
	Any other approved unit/s

### Part-time Course Structure - NB not available to International Students

#### Year 1, Semester 1

Select two units:

NSB223	Mental Health Nursing
NSB501	Politics, Technology and Nursing
PYB073	Introduction to Behavioural Science and Health Care
NSB424	Nursing Therapeutics
	Any other approved unit

#### Year 1, Semester 2

Select two units:

HHB120	Ethics, Law And Health Care
NSB113	Values, Culture and Diversity
	Elective (see elective list) OR
	Any other approved unit

#### Year 2, Semester 1

Select two units

NSB223	Mental Health Nursing
NSB501	Politics, Technology and Nursing
PYB073	Introduction to Behavioural Science and Health Care
NSB424	Nursing Therapeutics
	Any other approved unit

#### Year 2, Semester 2

NSB321	Professional Nursing Development
NSB224	Research Approaches in Nursing

### Second Semester (Mid-Year) Entry

#### Full-time Course Structure

##### Year 1, Semester 1

NSB321	Professional Nursing Development
NSB224	Research Approaches in Nursing
	Select 2 more units:
NSB113	Values, Culture and Diversity
NSB424	Nursing Therapeutics
HHB120	Ethics, Law And Health Care
	Elective (see elective list) OR
	Any other approved unit

**Year 1, Semester 2**

Select four units:

- NSB223 Mental Health Nursing  
 NSB501 Politics, Technology and Nursing  
 PYB073 Introduction to Behavioural Science and Health Care OR  
 Elective (see elective list) OR  
 Any other approved unit

**Part-time Course Structure (Not available to international students)****Year 1, Semester 1**

- NSB321 Professional Nursing Development  
 Select one more unit:  
 HHB120 Ethics, Law and Health Care  
 NSB113 Values, Culture and Diversity  
 Elective (see elective list) OR  
 Any other approved unit

**Year 1, Semester 2**

Select two units:

- NSB223 Mental Health Nursing  
 NSB501 Politics, Technology and Nursing  
 PYB073 Introduction to Behavioural Science and Health Care  
 Any other approved unit

**Year 2, Semester 1**

- NSB224 Research Approaches in Nursing  
 Select one more unit:  
 HHB120 Ethics, Law And Health Care  
 NSB113 Values, Culture and Diversity  
 Elective (see elective list) OR  
 Any other approved unit

**Year 2, Semester 2**

Select two units:

- NSB223 Mental Health Nursing  
 NSB501 Politics, Technology and Nursing  
 PYB073 Introduction to Behavioural Science and Health Care  
 Any other approved unit

**Elective List - subject to availability**

- HMB171 Fitness Health and Wellness  
 NSB602 Pain Management and Contemporary Nursing Practice  
 NSB603 Introduction to Cardiothoracic Nursing  
 NSB604 Introduction to Dementia and Family Care  
 NSB605 Nursing in a Technological World  
 NSB421 Independent Study  
 PYB257 Group Work  
 PYB360 Interventions for Addictive Behaviours  
 NSB312 Family and Community Nursing

**For Overseas Registered Nurses with an appropriate qualification seeking registration in Australia***Note:* This program is available in the full-time mode only**Full-time Course Structure****First Semester Entry****Year 1, Semester 1**

- NSB500 Medical-Surgical Nursing 3  
 NSB322 Clinical Practice 4  
 NSB424 Nursing Therapeutics  
 NSB501 Politics, Technology and Nursing

**Year 1, Semester 2**

- NSB321 Professional Nursing Development  
 NSB333 Clinical Practice 5  
 Elective

**Second Semester (Mid-Year) Entry****Year 1, Semester 1**

- NSB321 Professional Nursing Development  
 NSB322 Clinical Practice 4  
 Elective

**Year 1, Semester 2**

- NSB500 Medical-Surgical Nursing 3  
 NSB333 Clinical Practice 5  
 NSB501 Politics, Technology and Nursing  
 NSB424 Nursing Therapeutics

**Location:** Kelvin Grove**Course duration (full-time):** 4 Years**Total credit points:** 384**Standard credit points per semester (full-time):** 48**Course coordinator:** Dr Alan Barnard**Professional Membership**

This course is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member. Graduates are eligible for registration within Australia, and have been successful in obtaining registration in Britain, New Zealand and North America. They are also eligible for membership of the Australian College of Health Service Executives.

**Course Requirements**

The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform while on clinical practice, the cost of which is approximately \$150. Students enrolling in this program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

**Course Structure****Year 1, Semester 1**

- LSB182 Bioscience 1  
 NSB225 Promoting Health Across the Lifespan  
 PUB104 Introduction to Health Services Management  
 PYB073 Introduction to Behavioural Science and Health Care

**Year 1, Semester 2**

- BSB115 Management, People and Organisations  
 HHB120 Ethics, Law And Health Care  
 NSB118 Health Assessment and Nursing Practice  
 PUB251 Contemporary Public Health

**Year 2, Semester 1**

- NSB223 Mental Health Nursing  
 NSB424 Nursing Therapeutics  
 PUB326 Epidemiology  
 PUB380 Casemix Management

**Year 2, Semester 2**

- LSB282 Bioscience 2  
 NSB113 Values, Culture and Diversity  
 NSB122 Clinical Practice 1  
 PUB480 Health Administration Finance

**Year 3, Semester 1**

- LSB382 Bioscience 3  
 NSB212 Clinical Practice 2  
 NSB324 Medical-Surgical Nursing 1  
 PUB511 Health Policy, Planning and Evaluation

**Year 3, Semester 2**

- NSB222 Clinical Practice 3  
 NSB224 Research Approaches in Nursing  
 NSB423 Medical-Surgical Nursing 2  
 PUB490 Quality Management in Health

**Year 4, Semester 1**

- NSB322 Clinical Practice 4  
 NSB500 Medical-Surgical Nursing 3  
 NSB501 Politics, Technology and Nursing  
 PUB514 Contract/Project Management

**Year 4, Semester 2**

- NSB321 Professional Nursing Development  
 NSB333 Clinical Practice 5  
 PUB609 Health Resource Allocation

## ■ Bachelor of Nursing and Health Services Management (NS45)

**Award title:** Bachelor of Nursing and Health Services Management

**CRICOS code:** 047457A

## ■ Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies) (HL40)

**Award title:** Bachelor of Nursing/Bachelor of Applied Science

**CRICOS code:** 031578A

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Course coordinator:** Dr Alan Barnard

**Discipline coordinator:** Human Movement Studies: Dr Graham Costin

### Professional Membership

The Bachelor of Nursing is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional Member. Graduates are eligible for membership of the Australian Association for Exercise and Sports Science.

### Course Requirements

Students are required to complete 432 credit points within the integrated course. The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform while on clinical practice, the cost of which is approximately \$150.

Students in the Nursing program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

### Full-time Course Structure

#### Year 1, Semester 1

HMB171	Fitness Health and Wellness
LSB131	Anatomy
NSB117	Nursing and the Health Care System
PYB073	Introduction to Behavioural Science and Health Care

#### Year 1, Semester 2

HMB172	Nutrition and Physical Activity
HMB272	Biomechanics
HMB275	Exercise and Sport Psychology
LSB231	Physiology
PYB007	Interpersonal Processes and Skills

#### Year 2, Semester 1

HMB271	Foundations Of Motor Control, Learning And Development
HMB274	Functional Anatomy
HMB379	Disorders of Human Movement
NSB225	Promoting Health Across the Lifespan

#### Year 2, Semester 2

LSB282	Bioscience 2
HMB273	Exercise Physiology 1
HMB276	Research in Human Movement
NSB118	Health Assessment and Nursing Practice
NSB122	Clinical Practice 1

#### Year 3, Semester 1

LSB382	Bioscience 3
HMB382	Principles Of Exercise Prescription
NSB212	Clinical Practice 2
NSB223	Mental Health Nursing
NSB324	Medical-Surgical Nursing 1

#### Year 3, Semester 2

HHB120	Ethics, Law And Health Care
HMB282	Resistance Training
NSB222	Clinical Practice 3
NSB423	Medical-Surgical Nursing 2

#### Year 4, Semester 1

NSB322	Clinical Practice 4
NSB424	Nursing Therapeutics
NSB500	Medical-Surgical Nursing 3
NSB501	Politics, Technology and Nursing HM Major/Third Level Elective *

#### Year 4, Semester 2

NSB321	Professional Nursing Development
NSB333	Clinical Practice 5

HMB470 Practicum 1

*Human Movement Studies Third Level Elective List \**

*\*Note:* all third level units are not available in every semester

HMB277	Exercise and Sport Nutrition
HMB362	Biomechanics 2
HMB374	Psychology of Rehabilitation
HMB376	Motor Development in Children
HMB377	Children in Sport
HMB480	Advanced Exercise Prescription

## ■ Bachelor of Nursing/Bachelor of Health Science (Public Health) (HL46)

**Award title:** Bachelor of Nursing/Bachelor of Health Science (Public Health)

**CRICOS code:** 031576C

**Location:** Kelvin Grove

**Course duration (full-time):** 4 Years

**Course coordinator:** Dr Alan Barnard

### Professional Membership

The Bachelor of Nursing is recognised by the Royal College of Nursing, Australia as satisfying the academic requirements for admission as a professional member. Graduates are eligible for membership of the Public Health Association of Australia and the Australian Association of Health Promotion Professionals.

### Course Requirements

Students are required to complete 432 credit points within the integrated course. The clinical practice units require students to undertake block practicums of two or more weeks duration during semester. Students will be required to wear a uniform while on clinical practice, the cost of which is approximately \$150.

Students in the Nursing program are required to complete a course of vaccinations for Hepatitis B before commencing their clinical practice units. They are also required to have a current Senior First Aid Certificate or the equivalent prior to commencement of Clinical Practice 1.

### Full-time Course Structure

#### Year 1, Semester 1

LSB182	Bioscience 1
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health
PUB251	Contemporary Public Health

#### Year 1, Semester 2

BSB115	Management, People and Organisations
PUB201	Food and Nutrition
PUB209	Health, Culture and Society
PYB012	Psychology

#### Year 2, Semester 1

NSB225	Promoting Health Across the Lifespan
PUB326	Epidemiology
PUB329	Foundations of Health Studies and Health Behaviour
PUB557	Health Needs of Indigenous Australians and Other Populations, plus Public Health Elective#

#### Year 2, Semester 2

LSB282	Bioscience 2
NSB118	Health Assessment and Nursing Practice
NSB122	Clinical Practice 1
PUB416	Research Methods
PUB406	Health Promotion Strategies

#### Year 3, Semester 1

LSB382	Bioscience 3
NSB212	Clinical Practice 2
NSB223	Mental Health Nursing
NSB324	Medical-Surgical Nursing 1
PUB511	Health Policy, Planning and Evaluation

#### Year 3, Semester 2

HHB120	Ethics, Law And Health Care
NSB222	Clinical Practice 3
NSB423	Medical-Surgical Nursing 2
PUB609	Health Resource Allocation

***Year 4, Semester 1***

NSB322 Clinical Practice 4  
NSB424 Nursing Therapeutics  
NSB500 Medical-Surgical Nursing 3  
NSB501 Politics, Technology and Nursing  
PUB514 Contract/Project Management

***Year 4, Semester 2***

NSB321 Professional Nursing Development  
NSB333 Clinical Practice 5  
PUB875 Professional Practice

***Public Health Elective List***

PUB341 Nutrition Education  
PUB349 Families and Households





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## Section Three – Course Information

# Humanities and Human Services

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## OVERVIEW

The School of Humanities and Human Services within QUT Carseldine is focused on multidisciplinary teaching and research and offers a range of subjects which focus on contemporary international, local and community issues.

- The **Bachelor of Arts** offers students the opportunity for interdisciplinary majors in International and Global Studies, Ethics and Human Rights, Society and Change, and Community Studies. Discipline majors in History, Geography, and Languages, Social Sciences (Sociology and Political Studies) are also available together with a broad range of co-majors from other areas of the University.
- The **Bachelor of Social Science** offers majors in Applied Ethics, Geography and Environmental Studies, Human Services and Social Policy, International and Global Studies, Political Studies, and Sociology.
- The **Bachelor of Social Science (Human Services)** focuses on contemporary issues and offers a suite of skills units that will prepare students for work in aged services, disability services, corrections, working with children and family and with young people.
- associated **postgraduate research and coursework programs and honours programs** are also available in the School.

Staff of QUT Carseldine are committed to maintaining strong links with industry and the professions served by the courses on offer. QUT Carseldine is also responsible for the coordination of academic and support activities at the Carseldine campus, and for the continued development of the campus and its relationships with community partners. Research and community service activities are regarded as key strategies for ensuring the on-going relevance of the academic programs at all levels and for maintaining the strong success record of graduates.

## SENIOR STAFF

### QUT Carseldine

*Director:* Professor R.L. Matchett, BSocWk(Hons) *Qld*, MAASW

*Assistant Director (Academic Coordination):* Dr A.J. Williamson, BEcon BA PhD *Qld*, MA *Griff*

*Executive Officer:* J.Dyke, BA *Qld*, MEd *QUT*

### School of Humanities and Human Services

*Head:* Professor C. Bean, BA MA(Hons) *Canterbury*, PhD *ANU*

*Professor:* C.A. Trocki, BA *Cleveland*, MA PhD *C'nell*

*Associate Professors:*

H. Guille, BSc(Hons) R'dg, PhD *Griff*

G.J. Ianziti, BA *San Fran*, MA PhD *Nth Car*

G. Kendall, MA *Camb*, MSc *Manc*, PhD *Lond*

## RESEARCH CENTRES

### Centre for Social Change Research

The Centre's purpose is to develop a research environment that promotes understanding of the drivers of social change and the implications of change for individuals, families, communities and nations.

The Centre facilitates research with a strong applied social research orientation, which allows the human, ethical and societal dimensions of technological, environmental, economic and political change to be assessed, and responses to these changes to be identified. This is achieved through careful, critical, independent and ethical research, which contributes to better outcomes for individuals and communities, and addresses issues of national and global significance.

Staff and students are offered

- a centre of excellence in the 'craft of research', with a recognised reputation
- a distinctive, applied research culture, underpinned by a solid research base
- a focus on international and local issues related to the humanities, social sciences and human services
- an ethical engagement with a wide range of public policy and practices related to government, business and the community, including human services, health care, biotechnology and the professions
- strong collaborative partnerships with community, government, academic, and private organisations
- cutting edge critical public debate
- an open, people-centered and change-oriented approach
- a nurturing environment for the development of excellence in the next generation of researchers through expert mentoring and guidance by experienced researchers.

Some of the strengths which researchers have developed since 1996 include:

- experience in the use of diverse research approaches, including: political, sociological, applied ethics, historical, and social science research approaches
- solid links with the community, industry, business and government organizations that enable the development of collaborative research alliances
- cross-disciplinary linkages at the local, national and international level
- a high publication rate.

The Centre aims to foster:

- a positive research culture that supports postgraduate candidates and staff researchers of an international standard
- solid links with the community, business, government and professional organisations that enable the development of collaborative research alliances and consultancies, working with people to deal with real issues in real time
- cross-disciplinary teams able to work together to offer alternative approaches to solve complex problems
- linkages with other faculties and departments throughout Australia and overseas, as well as within the Queensland University of Technology.

*Director:* Dr Laurie Buys BA *West Virginia* MS *SIU*

GradCertGerontology PhD *Northern Colorado*

Phone: + 61 7 3864 4761

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Email: [l.buys@qut.edu.au](mailto:l.buys@qut.edu.au)

## ■ Doctor of Social Science (HH50)

**Award title:** Doctor of Social Science

**CRICOS code:** 048293G

**Location:** Carseldine

**Course duration (full-time):** 6 semesters (3 years)

**Course duration (part-time):** 12 semesters (6 years)

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Gavin Kendall

### Entry Requirements

a four year degree or its equivalent with First Class Honours or Honours IIA; or

a masters degree in a field relevant to the professional doctorate; AND

two years of practice at an advanced level in a position of responsibility in a relevant professional setting.

Entry with Advanced Standing: Candidates with a masters degree will be eligible for credit of up to 96 credit points. Other previous study or uncredentialed learning may also gain credit.

### Course Structure

The course is divided into coursework and three theses. All three theses have conference presentation/communication of research finding units attached to them. Students will first complete their coursework and their first project, as well as HHR510 before they will be permitted to work on their second project. Similarly students must complete the second project as well as HHR520 before they are permitted to begin work on their third project. The course therefore has a three-part format and students are required to pass three stages in turn to guarantee progression.

### Full-time Course Structure

#### Year 1, Semester 1

HHN410 Logic of Social Inquiry

HHR551-1 Professional Practice Project 1 1/4

Elective 1

Elective 2 or HHR551-3 Professional Practice Project 1 3/4

#### Year 1, Semester 2

HHR510 Conference Presentation 1: Networking and Presentation

HHR551-2 Professional Practice Project 1 2/4

HHR501 Social Science Methods for the Knowledge Society

Elective 3 or HHR551-4 Professional Practice Project 1 4/4

#### Year 2, Semester 1

HHR551-3 Professional Practice Project 1 3/4

HHR551-4 Professional Practice Project 1 4/4

HHR561-1 Professional Practice Project 2 1/4

HHR561-2 Professional Practice Project 2 2/4

#### Year 2, Semester 2

HHR561-3 Professional Practice Project 2 3/4

HHR561-4 Professional Practice Project 2 4/4

HHR520 Conference Presentation 2: Professional Networks

HHR571-1 Professional Practice Project 3 1/8

#### Year 3, Semester 1

HHR571-2 Professional Practice Project 3 2/8

HHR571-3 Professional Practice Project 3 3/8

HHR571-4 Professional Practice Project 3 4/8

HHR571-5 Professional Practice Project 3 5/8

#### Year 3, Semester 2

HHR571-6 Professional Practice Project 3 6/8

HHR571-7 Professional Practice Project 3 7/8

HHR571-8 Professional Practice Project 3 8/8

HHR530 Conference Presentation 3: Academic Networks

## ■ Master of Arts (Research) (Humanities and Human Services) (HH40)

**Award title:** Master of Arts (Research)

**CRICOS code:** 012707K

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 semesters (3-year qualified entry); 2 semesters (4-year qualified entry)

**Course duration (part-time):** 6 semesters (3-year qualified entry); 4 semesters (4-year qualified entry)

**Total credit points:** 144 (3-year qualified entry); 96 (4-year qualified entry)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Gavin Kendall

### Overview

The Master of Arts by Research is offered in various disciplines by the academic units that make up the School of Humanities and Human Services. Study areas available include:

- Aged Services
- Applied Ethics
- Asia-Pacific Studies
- Child and Family Services
- Disability Services
- European Studies
- Geography and Environmental Studies
- History
- Human Services
- International and Global Studies
- Languages (French, German, Indonesian, Japanese, Mandarin)
- Political Studies
- Services to Young People
- Sociology.

### Entry Requirements

Applicants must have a three-year bachelor degree or equivalent to enter the coursework plus research program.

To enter the research only program, applicants must have completed a three-year bachelor degree plus honours, or a three-year bachelor degree plus Graduate Diploma, or equivalent.

### Course Structure

For those with a three-year degree, the Master of Arts (Research) normally comprises 48 credit points of coursework and a 96 credit point research project. For those with a four-year degree it normally comprises a 96 credit point research project. However, with the approval of the postgraduate studies coordinator it is possible to enrol in a 12 credit point coursework plus 84 credit point research project; or a 24 credit point coursework plus 72 credit point research project.

### Research Component

Dependent on the discipline, the research component may be undertaken as a research thesis (30 000-50 000 words).

### Entry with three-year qualification

### Full-time Course Structure

#### Year 1, Semester 1

HHN410410 Logic of Social Inquiry

HHN001/1 Research Project 1

Elective

Elective

**Note:** The Electives will be drawn either from units offered in approved Honours or coursework Masters degree programs, or from advanced undergraduate units subject to approval by the discipline coordinator.

#### Year 1, Semester 2

HHN002 Graduate Seminar

HHN001-2 Research Project 2

HHN001-3 Research Project 3

HHN001-4 Research Project 4

#### Year 2, Semester 1

HHN001-5 Research Project 5

HHN001-6 Research Project 6

HHN001-7 Research Project 7

HHN001-8 Research Project 8

### Part-time Course Structure

#### Year 1, Semester 1

HHN410 Logic of Social Inquiry

Elective

### Year 1, Semester 2

HHN002 Graduate Seminar  
Elective

**Note:** The Elective will be drawn either from units offered in approved Honours or coursework Masters degree programs, or from advanced undergraduate units subject to approval by the Discipline Coordinator.

### Year 2, Semester 1

HHN001-1 Research Project 1  
HHN001-2 Research Project 2

### Year 2, Semester 2

HHN001-3 Research Project 3  
HHN001-4 Research Project 4

### Year 3, Semester 1

HHN001-5 Research Project 5  
HHN001-6 Research Project 6

### Year 3, Semester 2

HHN001-7 Research Project 7  
HHN001-8 Research Project 8

## Entry with four-year qualification

### Full-time Course Structure (48 credit point of exemption)

#### Year 1, Semester 1

HHN001-1 Research Project 1  
HHN001-2 Research Project 2  
HHN001-3 Research Project 3  
HHN001-4 Research Project 4

#### Year 1, Semester 2

HHN001-5 Research Project 5  
HHN001-6 Research Project 6  
HHN001-7 Research Project 7  
HHN001-8 Research Project 8

### Part-time Course Structure (48 cp of exemptions)

#### Year 1, Semester 1

HHN001-1 Research Project 1  
HHN001-2 Research Project 2

#### Year 1, Semester 2

HHN001-3 Research Project 3  
HHN001-4 Research Project 4

#### Year 2, Semester 1

HHN001-5 Research Project 5  
HHN001-6 Research Project 6

#### Year 2, Semester 2

HHN001-7 Research Project 7  
HHN001-8 Research Project 8

## ■ Master of Social Science (Human Services) (HH32)

**Award title:** Master of Social Science (Human Services)

**CRICOS code:** 027281G

**Location:** Carseldine

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

### Full-time Course Structure

#### Year 1, Semester 1

HHP011 Critical Issues In The Human Services  
HHB410 Logic Of Social Inquiry  
Two elective units selected from the following, or any postgraduate unit as approved by the postgraduate coordinator:  
HHP012 Leadership In The Human Services  
MGN516 Policy Analysis  
MGN517 Program Management and Evaluation  
HHB201 Initial Professional Practice  
HHB210 Indigenous Australia: Country, Kin And Culture  
HHB212 Community Work  
HHB232 Survey Methods  
HHB303 Aged Services: Advanced  
HHB304 Child And Family Services: Advanced  
HHB306 Disability Services: Advanced

HHB305 Corrective Services: Advanced  
HHB307 Services To Young People: Advanced  
PYB159 Alcohol and Other Drug Studies  
GSN230 Ethics and Management for Philanthropic and Nonprofit Organisations

### Year 1, Semester 2

HHP013 Managing Human Service Organisations  
HHP015 Contracting in the Human Services  
Two units selected from the following, or any postgraduate unit as approved by the postgraduate coordinator:  
HHP003 Aged Services - Graduate Studies  
HHP004 Child And Family Services - Graduate Studies  
HHP006 Disability Services - Graduate Studies  
HHP007 Youth Services - Graduate Studies  
HHB210 Indigenous Australia: Country, Kin And Culture  
HHB211 Casework And Case Management  
HHB213 Social Policy Processes  
HHB214 Team Practice and Group Processes  
HHB216 The Human Dimensions Of Space  
HHB224 Qualitative Research Methods  
HHB232 Survey Methods  
HHB300 Current Developments In Human Services  
HHB328 Researching Applied Ethics  
GSN231 Legal and Accounting Issues for PandNp Organisations  
GSN224 Corporate Philanthropy  
AMN403 Marketing and Survey Research  
PYB208 Counselling Theory and Practice 1  
**Note:** Students will be encouraged to select only one undergraduate unit per semester  
**Year 2, Semester 1**  
HHP020 Human Services Practice Related Research 1-2  
HHP020 Human Services Practice Related Research 1-2

## ■ Graduate Diploma in Social Science (Human Services) (HH31)

**Award title:** Graduate Diploma in Social Science (Human Services)

**CRICOS code:** 027280J

**Location:** Carseldine

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

### Full-time Course structure

#### Year 1, Semester 1

HHP011 Critical Issues In The Human Services  
HHP012 Leadership In The Human Services  
Two elective units selected from the following, or any other postgraduate unit as approved by the course coordinator:  
MGN516 Policy Analysis  
MGN517 Program Management and Evaluation  
HHB201 Initial Professional Practice  
HHB210 Indigenous Australia: Country, Kin And Culture  
HHB212 Community Work  
HHB303 Aged Services: Advanced  
HHB304 Child And Family Services: Advanced  
HHB305 Corrective Services: Advanced  
HHB306 Disability Services: Advanced  
HHB307 Services To Young People: Advanced  
HHB410 Logic Of Social Inquiry  
PYB159 Alcohol and Other Drug Studies  
DBP411 Community Planning  
GSN230 Ethics and Management for Philanthropic and Nonprofit Organisations

#### Year 1, Semester 2

HHP013 Managing Human Service Organisations  
HHP015 Contracting in the Human Services  
Two elective units selected from the following, or any postgraduate unit as approved by the course coordinator:  
HHP003 Aged Services - Graduate Studies

HHP004	Child And Family Services - Graduate Studies
HHP006	Disability Services - Graduate Studies
HHP007	Youth Services - Graduate Studies
HHB210	Indigenous Australia: Country, Kin And Culture
HHB211	Casework And Case Management
HHB213	Social Policy Processes
HHB328	Researching Applied Ethics
HHB214	Team Practice and Group Processes
HHB224	Qualitative Research Methods
HHB215	Crisis And Conflict Resolution
PYB208	Counselling Theory and Practice 1
HHB300	Current Developments In Human Services
AMN403	Marketing and Survey Research
GSN231	Legal and Accounting Issues for PandNp Organisations
GSN224	Corporate Philanthropy

**Note:** Students will be encouraged to select only one undergraduate unit per semester.

## ■ Graduate Certificate in Social Science (Human Services) (HH30)

**Award title:** Graduate Certificate in Social Science (Human Services)

**CRICOS code:** 040287D

**Location:** Carseldine

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

### Course Structure

Students may discuss alternative unit selections with the course coordinator. Graduate Certificate students may choose to do:

- one unit from Group A, one advanced service context unit from Group B and two service context units at graduate studies level from Group B; or
- one unit from Group A and three graduate studies level units from Group B; or
- three units from Group A and one unit at graduate studies level from Group B.

All Graduate Studies units are offered subject to availability.

Part-time students can complete the equivalent of the full-time program in any order in either two, three or four semesters.

### Full-time Course Structure

GROUP A	
Any two units chosen from:	
HHP011	Critical Issues In The Human Services
HHP012	Leadership In The Human Services
HHP013	Managing Human Service Organisations
HHP015	Contracting and Policy in the Human Services
GROUP B	
Any two units chosen from:	
HHB303	Aged Services: Advanced
HHP003	Aged Services - Graduate Studies
HHB304	Child And Family Services: Advanced
HHP004	Child And Family Services - Graduate Studies
HHB305	Corrective Services: Advanced
HHB306	Disability Services: Advanced
HHP006	Disability Services - Graduate Studies
HHB307	Services To Young People: Advanced
HHP007	Youth Services - Graduate Studies
HHB201	Initial Professional Practice

**Note:** The choice of electives can only include one Service Context Advanced unit

## ■ Bachelor of Arts (Honours) (HH21)

**Award title:** Bachelor of Arts (Honours)

**CRICOS code:** 020294D

**Location:** Carseldine

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

### Course Structure

The course consists of three coursework units and the equivalent of five units of supervised independent study, resulting in a 15 000-18 000 word thesis. The requirements for graduating are satisfactory (or better) performance in all units. The final mark for the course is determined on the basis of marks assigned in the coursework units The Logic of Social Inquiry, Literature Review, and the advanced elective, plus the mark awarded to the thesis, with weighting being given according to the proportion of credit points within the total. The Honours thesis will be marked by two assessors, one of whom will normally be external to QUT.

### Language Students

Language students will, where appropriate, do extensive work in the Literature Review and Honours Thesis units in the target language. Where feasible the Honours thesis will be written in the target language.

### Full-time Course Structure

#### Year 1, Semester 1

HHB410	Logic Of Social Inquiry
HHB403	Literature Review
HHB404	Honours Thesis 1
	Advanced Elective
(One 12 credit point elective selected from advanced units offered in the undergraduate program, chosen in consultation with the thesis supervisor and approved by the Honours Coordinator)	

#### Year 1, Semester 2

HHB405	Honours Thesis 2
HHB406	Honours Thesis 3
HHB407	Honours Seminar

## ■ Bachelor of Social Science (Honours) (HH23)

**Award title:** Bachelor of Social Science (Honours)

**CRICOS code:** 027279B

**Location:** Carseldine

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 Semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

### Course Structure

Coursework provides for both disciplinary specialisation, and an interdisciplinary elective option selected in consultation with your supervisor and the course coordinator. The course consists of three coursework units and the equivalent of five units of supervised independent study, resulting in a 15 000-18 000 word thesis. The requirements for graduating are satisfactory (or better) performance in all units. The final mark for the course is determined on the basis of marks assigned in the coursework units The Logic of Social Inquiry, Literature Review, and the advanced elective, plus the mark awarded to the thesis, with weighting being given according to the proportion of credit points within the total. The Honours thesis will be marked by two assessors, one of whom will normally be external to QUT.

### Full-time Course Structure

#### Year 1, Semester 1

HHB410	Logic Of Social Inquiry
HHB403	Literature Review
HHB404	Honours Thesis 1

Advanced Elective: An advanced unit selected in consultation with supervisor and approved by the Honours coordinator.

#### Year 1, Semester 2

HHB405	Honours Thesis 2
HHB406	Honours Thesis 3
HHB407	Honours Seminar

### ■ Bachelor of Social Science (Honours) (Human Services) (HH22)

**Award title:** Bachelor of Social Science (Honours) (Human Services)

**CRICOS code:** 027279B

**Location:** Carseldine

**Course duration (full-time):** 2 Semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Judith Burton

#### Course Structure

The course consists of three coursework units and the equivalent of five units of supervised independent study, resulting in a 15 000-18 000 word thesis. The requirements for graduating are satisfactory (or better) performance in all units. The final mark for the course is determined on the basis of marks assigned in the coursework units The Logic of Social Inquiry, Literature Review, and the advanced elective, plus the mark awarded to the thesis, with weighting being given according to the proportion of credit points within the total. The Honours thesis will be marked by two assessors, one of whom will normally be external to QUT.

#### Full-time Course Structure

##### Semester 1

HHB410	Logic Of Social Inquiry
HHB403	Literature Review
HHB404	Honours Thesis 1
	Advanced Elective (An advanced Unit selected in consultation with supervisor and approved by the honours coordinator. The recommended elective is HHP011 Critical Issues in the Human Services)

##### Semester 2

HHB405	Honours Thesis 2
HHB406	Honours Thesis 3
HHB407	Honours Seminar

#### Part-time Course Structure

##### Year 1, Semester 1

HHB410	Logic Of Social Inquiry, or Elective Unit (An advanced unit selected in consultation with supervisor and approved by the Honours coordinator (recommended elective is HHP011 Critical Issues in the Human Services)
HHB403	Literature Review

##### Year 1, Semester 2

HHB404	Honours Thesis 1
HHB403	Literature Review, or Elective Unit (Advanced unit selected in consultation with supervisor and approved by the Honours coordinator)

##### Year 2, Semester 1

HHB405	Honours Thesis 2
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##### Year 2, Semester 2

HHB406	Honours Thesis 3
HHB407	Honours Seminar

### ■ Bachelor of Arts (HH01)

**Award title:** Bachelor of Arts

**CRICOS code:** 037577J

**Location:** Gardens Point, Carseldine and Caboolture

**Course duration (full-time):** 3 years; (QUT Caboolture students should note that after the completion of first year (ie 96 credit points of study) they must transfer to Carseldine campus for the remainder of the course.

**Course duration (part-time):** 6 years; (QUT Caboolture students should note that: after the completion of first year (ie 96 credit points of study), students must transfer to Carseldine campus for the remainder of the course.

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr John Synott

#### Course Requirements

Students are REQUIRED to complete:

- One Interdisciplinary Professional Major (1 core introductory unit + 6 more units which expand and develop the theme of the major)

Students are ADVISED to complete:

- Four core units in first semester (from a selection of core introductory units and core skills units)

(**Note:** one of the core introductory units will sit within the chosen Interdisciplinary Professional Major as outlined above)

- Two core units in second year (2 research methods units)
- A Workplace Internship in Third Year (24 credit points)

Students MAY also complete:

- An additional Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)
- A Discipline Studies Sequence (6 units in one of the disciplines: Geography, History, Languages (French, German, Indonesian, Japanese, Mandarin), Sociology, Politics.
- A Co-major in another QUT course (6 units)

**Note:** Students must maintain 50% enrolment in units from the BA programme until they have completed 8 of those units.

16 of the 24 units in the BA must be chosen from units in the BA programme.

A unit may not be counted in more than one professional major, discipline sequence, co-major or minor study sequence.

#### Key Terms

**Professional Major** - one of four interdisciplinary study sequences in the BA degree (International and Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six further units from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree.

**Discipline Sequence** - a set of six units (72 credit points) in a given discipline (Geography, History, Languages, Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines the six units must include one introductory unit to the discipline.

**Co-major** - a set of six units (72 credit points) from another QUT course or faculty.

**Minor Study Sequence** - a study sequence of any four units (48 credit points) in a given subject area.

**Elective units** - units selected by students to fit into their study programs. They can be selected from units offered by any faculty in the university.

#### Discipline Sequences

Discipline sequences of six units are available in the following areas:

- Geography
- History
- French
- German
- Indonesian
- Japanese
- Mandarin
- Sociology

- Politics

### Minors

All of the interdisciplinary professional majors and discipline sequences are also available to be taken as minors. To complete a minor in one of these areas, students will need to pass any four units from the relevant list.

### Example of Full-time Course Structure

#### Year 1, Semester 1

- Core unit (major)
- Core unit (major)
- Core unit (major or skills)
- Core unit (major or skills)

#### Year 1, Semester 2

- Major unit
- Major unit
- Co-major unit\*/Professional major/Discipline sequence
- Elective unit

#### Year 2, Semester 1

- Major unit
- Co-major unit\*/Professional major/Discipline sequence
- Co-major unit\*/Professional major/Discipline sequence
- Core unit (research methods)

#### Year 2, Semester 2

- Major unit
- Co-major unit\*/Professional major/Discipline sequence
- Elective unit
- Core unit (research methods)

#### Year 3, Semester 1

- Major unit
- Co-major unit\*/Professional major/Discipline sequence
- Core unit (internship)
- Core unit (internship)

#### Year 3, Semester 2

- Major unit
- Co-major unit\*/Professional major/Discipline sequence
- Elective unit
- Elective unit

*Note:* \*or second professional major or discipline sequence

### Core Program

#### First Year Core: International and Global Studies

- HHB110 Introduction To International And Global Studies
- HHB111 Issues In International And Global Studies

#### First Year Core: Society and Change

- HHB105 Exploring Change
- HHB104 Understanding Society: Intro To Sociology

#### First Year Core: Ethics and Human Rights

- HHB114 Introduction To Human Rights And Ethics
- HHB115 Human Identity And Change

#### First Year Core: Community Studies

- HHB106 Australian Society And Culture
- HHB103 Contemporary Social And Community Issues

#### First Year Core: Skills Units

- HHB116 Applied Skills And Scholarship
- HHB117 Introduction To Social Research Methods

#### Second Year Core: Research Methods

- HHB224 Qualitative Research Methods
- HHB232 Survey Methods
- HHB121 Interpreting The Past
- HHB312 Geographical Research Design

#### Third Year Core: Internship

- HHB330 Internship Program

### Electives - International and Global Studies Professional Major

#### Strand A - Global Perspectives

- HHB107 World Regions
- HHB226 Consuming Cultures
- HHB241 Gender and Globalisation
- HHB263 Politics Of Globalisation
- HHB269 Ethics, Technology And The Environment
- HHB310 Globalisation And Social Theory
- HHB311 Colonial Fantasies And Postcolonial Identities
- HHB331 Advanced Seminar
- HHB315 Sex And Drugs In South-East Asia
- HHB248 The USA and The Asia Pacific Region
- HHB223 Islam and Islamic Societies

#### Strand B - International Studies

- HHB245 Australia And The South Pacific
- HHB238 Asian Cultures And Societies
- HHB260 Nations And Nationalism In Modern Europe
- HHB229 Windows On Japan
- HHB239 Korean Culture And Societies
- HHB256 Europe Since 1945
- HHB243 The Pacific Since 1945
- HHB244 Southeast Asia In Focus
- HHB246 Modern China

#### Language Studies/International and Global Studies

Upon consultation with the Languages coordinator, students may select one language unit as an elective in the International & Global Studies Strand.

Students may also undertake a Combined Major in Languages/International and Global Studies, comprising:

- 1 Introductory Unit
- 2 Elective units, preferably one from each strand
- 4 units in a chosen language

### Electives - Society and Change Professional Major

#### Strand A - The Individual and Society

- HHB102 The Human Condition
- HHB113 Interpersonal Communication
- HHB268 Vulnerable Identities
- HHB234 Sociological Theory
- HHB233 Sex, Gender And Society
- HHB236 Virgins, Saints And Sinners: Sociology Of Religion
- HHB335 Bodies, Cyborgs and Cyberspace
- HHB225 Political Sociology
- HHB230 Political Behaviour
- HHB240 Sociology Of Crime And Deviance

#### Strand B - Environment, Society and Change

- HHB226 Consuming Cultures
- HHB127 Environment and Society
- HHB228 Environmental Hazards
- HHB251 Australian Resource Management
- HHB231 Health, Society And Environment
- HHB210 Indigenous Australia: Country, Kin And Culture

#### Strand C - Societies in Transition

- HHB257 The Classical World
- HHB261 Medieval Europe
- HHB258 Foundations of Modern Europe
- HHB315 Sex And Drugs In South-East Asia
- HHB253 Conspiracy And Dissent In Australian History
- HHB242 Pacific Culture Contact
- HHB259 War And Revolution In Europe 1914-1945
- HHB249 Social Movements In Australia
- HHB262 Political Ideologies
- HHB315 Sex And Drugs In South-East Asia
- HHB253 Conspiracy And Dissent In Australian History

#### Change Management and Project Units

- HHB212 Community Work
- HHB213 Social Policy Processes
- HHB214 Team Practice and Group Processes
- HHB329 Advanced Project

### Electives - Ethics and Human Rights Professional Major

#### Strand A - Ethical Understanding and Theory

- HHB265 The Just Society
- HHB267 Feminism And Ethics
- HHB271 Ethical Theory

#### Strand B - Human Rights

- HHB274 Human Rights: International And Regional Activism
- HHB275 Human Rights: Australian Activism

#### Strand C - Identity Studies

- HHB268 Vulnerable Identities
- HHB272 Composing Identities: The Artistry Of Living

#### Strand D - Ethics and Technology

- HHB269 Ethics, Technology And The Environment
- HHB270 Gene Technology And Ethics
- HHB273 Reshaping Life And Death

#### Strand E - Ethical Practice

- HHB264 Public And Professional Ethics
- HHB266 Ethical Decision Making
- HHB328 Researching Applied Ethics

## Electives - Community Studies Professional Major

### Strand A - Community Practice

HHB100	Introduction To Human Services
HHB113	Interpersonal Communication
HHB203	Aged Services: Introduction
HHB204	Child And Family Services: Introduction
HHB205	Corrective Services: Introduction
HHB206	Disability Services: Introduction
HHB207	Services To Young People: Introduction
HHB212	Community Work
HHB214	Team Practice And Group Processes
HHB215	Crisis And Conflict Resolution
HHB216	The Human Dimensions Of Space

### Strand B - Australian Studies

HHB109	Australian Historical Studies
HHB112	Australian Politics
HHB210	Indigenous Australia: Country, Kin And Culture
HHB237	Brisbane in the Twentieth Century
HHB245	Australia And The South Pacific
HHB249	Social Movements In Australia
HHB250	Australian Geographical Studies
HHB251	Australian Resource Management
HHB253	Conspiracy And Dissent In Australian History
HHB123	Indigenous Australian Cultural Studies
HHB255	Indigenous Politics And Political Culture
HHB275	Human Rights: Australian Activism

## Discipline Major - Geography

### Elective Units - Environment and Resources

HHB227	Environment And Society
HHB228	Environmental Hazards
HHB251	Australian Resource Management
HHB269	Ethics, Technology And The Environment
HHB241	Gender and Globalisation

### Elective Units - Regional Studies

HHB250	Australian Geographical Studies
HHB229	Windows On Japan
HHB244	Southeast Asia In Focus

### Other Geography Electives

HHB312	Geographical Research Design
HHB232	Survey Methods
PSB631	Geographic Information Systems 1
PSB655	Remote Sensing
PSB443	Population and Urban Studies
NRB100	Environmental Science
DBP414	Regional and Metropolitan Policy

## Discipline Major - History

### Elective Units - Modern Histories

HHB238	Asian Cultures And Societies
HHB260	Nations And Nationalism In Modern Europe
HHB245	Australia And The South Pacific
HHB122	Colonialism And Independence In Asia Pacific
HHB239	Korean Culture And Societies
HHB248	The USA and The Asia Pacific Region
HHB256	Europe Since 1945
HHB259	War And Revolution In Europe 1914-1945
HHB315	Sex And Drugs In South-East Asia
HHB237	Brisbane in the Twentieth Century
HHB242	Pacific Culture Contact
HHB243	The Pacific Since 1945
HHB246	Modern China
HHB253	Conspiracy And Dissent In Australian History
HHB311	Colonial Fantasies And Postcolonial Identities

### Elective Units - Pre-modern Histories

HHB257	The Classical World
HHB258	Foundations of Modern Europe
HHB261	Medieval Europe

## Discipline Major - Languages

### French

HHB061	French 1
HHB062	French 2
HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6
HHB067	French 7
HHB068	French 8

HHB069	French 9
HHB070	French 10
HHB060	French For The Tourism Industry

### German

HHB091	German 1
HHB092	German 2
HHB093	German 3
HHB094	German 4
HHB095	German 5
HHB096	German 6
HHB097	German 7
HHB098	German 8

### Indonesian

HHB071	Indonesian 1
HHB072	Indonesian 2
HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6
HHB077	Indonesian 7
HHB078	Indonesian 8

### Japanese

HHB081	Japanese 1
HHB082	Japanese 2
HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6
HHB087	Japanese 7
HHB088	Japanese 8

### Mandarin

HHB050	Mandarin For Chinese
HHB051	Introductory Mandarin 1
HHB052	Introductory Mandarin 2

### Overseas Units - All Languages

HHB056	International Intensive Program
HHB057	International Summer School Or Equivalent
HHB058	In-Country Study - A
HHB059	In-Country Study - B

## Discipline Major - Sociology

### Elective Units - Sociology

HHB234	Sociological Theory
HHB233	Sex, Gender And Society
HHB232	Survey Methods
HHB236	Virgins, Saints And Sinners: Sociology Of Religion
HHB226	Consuming Cultures
HHB231	Health, Society And Environment
HHB224	Qualitative Research Methods
HHB225	Political Sociology
HHB240	Sociology Of Crime And Deviance
HHB310	Globalisation And Social Theory
HHB216	The Human Dimensions Of Space
HHB223	Islam and Islamic Societies
HHB335	Bodies, Cyborgs and Cyberspace

## Discipline Major - Political Studies

### Electives - Political Studies

HHB249	Social Movements In Australia
HHB263	Politics Of Globalisation
HHB232	Survey Methods
HHB225	Political Sociology
HHB230	Political Behaviour
HHB255	Indigenous Politics And Political Culture
HHB265	The Just Society
HHB262	Political Ideologies
HHB213	Social Policy Processes
HHB224	Qualitative Research Methods

## First Year Caboolture Students

### Year 1, Semester 1

HHB116	Applied Skills And Scholarship
HHB110	Introduction To International And Global Studies
	Elective
	Elective
HHB104	Understanding Society: Intro. To Sociology
HHB114	Introduction To Human Rights And Ethics
	Elective
	Elective



Caboolture students should note that after completion of 96 credit points of study they will need to transfer to the QUT Carseldine campus to continue their course

## ■ Bachelor of Social Science (HH04)

**Award title:** Bachelor of Social Science

**CRICOS code:** 001819D

**Location:** Carseldine and Caboolture

**Course duration (full-time):** 3 years; QUT Caboolture: After the completion of first year (ie 96 credit points of study), students must transfer to Carseldine campus for the remainder of the course.

**Course duration (part-time):** 6 years; QUT Caboolture: After the completion of first year (ie 96 credit points of study), students must transfer to Carseldine campus for the remainder of the course.

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Hossein Adibi

### Course Requirements

- Students are required to complete 24 units in total.
- Students are required to complete six social science skills units.
- Students are required to complete one major from the following:
  - Geography and Environment
  - Human Services and Social Policy
  - Indigenous Perspectives and Issues
  - Politics and History
  - Sociology.
- Students may complete up to eight units from outside of the School of Humanities and Human Services.
- Students are required to maintain a minimum 50% enrolment in HHB units until eight of these units are successfully completed.
- Students may complete an optional workplace internship (24 credit points) and/or social science project (24 credit points) in final year.

### HH04 - Example of a Course Progression

#### Year 1, Semester 1

Introductory unit (Major)  
Introductory unit (Major)  
Introductory unit (Major)  
First year social science skills unit

#### Year 1, Semester 2

Major unit  
Major unit  
First year social science skills unit  
Elective unit or minor unit

#### Year 2, Semester 1

Major unit  
Social science skills unit  
Elective unit or minor unit  
Elective unit or minor unit

#### Year 2, Semester 2

Major unit  
Social science skills unit  
Elective unit or minor unit  
Elective unit or minor unit

#### Year 3, Semester 1

Major unit  
Social science skills unit  
Internship unit  
Internship unit

#### Year 3, Semester 2

Major unit  
Social science skills unit  
Social science project unit  
Social science project unit

### Social Science Skills Units

Students choose a minimum of six units from the following options (with advice that they do a maximum of three at first year level).

#### First Year Units

HHB113 Interpersonal Communication  
HHB116 Applied Skills And Scholarship  
HHB117 Introduction To Social Research Methods  
HHB121 Interpreting The Past  
BSB113 Economics  
PYB110 Psychological Research Methods  
HHB217 Conflict Management Skills for Professionals  
HHB213 Social Policy Processes  
HHB214 Team Practice and Group Processes  
HHB215 Crisis And Conflict Resolution  
HHB220 Intervention Theories And Methods  
HHB221 Intervention Processes And Ethics  
HHB224 Qualitative Research Methods  
HHB232 Survey Methods  
HHB264 Public And Professional Ethics  
HHB276 Indigenous Knowledge : Research Ethics and Protocols

#### Third Year Units

HHB312 Geographical Research Design  
HHB316 Social Science Project (24cp)

### Major Electives

#### Sociology Major

##### Introductory Unit:

HHB104 Understanding Society: Intro. To Sociology  
Students must complete the Introductory Unit plus six Sociology units from the following:

HHB216 The Human Dimensions Of Space  
HHB224 Qualitative Research Methods  
HHB223 Islam and Islamic Societies  
HHB225 Political Sociology  
HHB226 Consuming Cultures  
HHB231 Health, Society And Environment  
HHB232 Survey Methods  
HHB233 Sex, Gender And Society  
HHB234 Sociological Theory  
HHB236 Virgins, Saints And Sinners: Sociology Of Religion  
HHB240 Sociology Of Crime And Deviance  
HHB335 Bodies, Cyborgs and Cyberspace  
HHB310 Globalisation And Social Theory

#### Politics and History Major

##### Introductory Unit (Politics)

HHB112 Australian Politics  
Introductory Unit (History)

HHB109 Australian Historical Studies  
Students must complete the Introductory Unit plus six Politics/History units from the following:  
Politics Units

HHB213 Social Policy Processes  
HHB224 Qualitative Research Methods  
HHB225 Political Sociology  
HHB230 Political Behaviour  
HHB232 Survey Methods  
HHB249 Social Movements In Australia  
HHB255 Indigenous Politics And Political Culture  
HHB262 Political Ideologies  
HHB263 Politics Of Globalisation  
HHB265 The Just Society  
History Units  
HHB122 Colonialism And Independence In Asia Pacific  
HHB237 Brisbane in the Twentieth Century  
HHB238 Asian Cultures And Societies  
HHB239 Korean Culture And Societies  
HHB242 Pacific Culture Contact  
HHB243 The Pacific Since 1945  
HHB245 Australia And The South Pacific  
HHB246 Modern China  
HHB248 The USA and The Asia Pacific Region  
HHB253 Conspiracy And Dissent In Australian History  
HHB256 Europe Since 1945  
HHB257 The Classical World  
HHB258 Foundations of Modern Europe  
HHB259 War And Revolution In Europe 1914-1945  
HHB261 Medieval Europe  
HHB260 Nations And Nationalism In Modern Europe  
HHB311 Colonial Fantasies And Postcolonial Identities

HHB315 Sex And Drugs In South-East Asia

### **Geography and Environment Major**

Introductory Unit

HHB107 World Regions

Students must complete the Introductory Unit plus six Geography and Environment units from the following:

HHB127 Environment And Society

HHB228 Environmental Hazards

HHB229 Windows On Japan

HHB241 Gender and Globalisation

HHB244 Southeast Asia In Focus

HHB251 Australian Resource Management

HHB250 Australian Geographical Studies

HHB269 Ethics, Technology And The Environment

HHB312 Geographical Research Design

DBP414 Regional and Metropolitan Policy

NRB100 Environmental Science

PSB443 Population and Urban Studies

PSB631 Geographic Information Systems 1

PSB655 Remote Sensing

### **Indigenous Perspectives and Issues Major**

Introductory Unit

HHB123 Indigenous Australian Culture Studies

Students must complete the Introductory Unit plus six

Indigenous Perspectives and Issues units from the following:

HHB210 Indigenous Australia: Country, Kin And Culture

HHB255 Indigenous Politics And Political Culture

HHB276 Indigenous Knowledge: Research Ethics and Protocols

EDB007 Culture Studies: Indigenous Education

JSB135 Unlocking Criminal Justice

JSB137 Politics of Law

JSB352 Indigenous Justice

### **Human Services and Social Policy**

Introductory Unit

HHB100 Introduction To Human Services

Students must complete the Introductory Unit plus six Human Services and Social Policy units from the following list

HHB103 Contemporary Social And Community Issues

HHB200 Working In Human Service Organisations

HHB203 Aged Services: Introduction

HHB204 Child And Family Services: Introduction

HHB205 Corrective Services: Introduction

HHB206 Disability Services: Introduction

HHB207 Services To Young People: Introduction

HHB210 Indigenous Australia: Country, Kin And Culture

HHB211 Casework And Case Management

HHB212 Community Work

HHB213 Social Policy Processes

HHB214 Team Practice and Group Processes

HHB215 Crisis And Conflict Resolution

HHB217 Conflict Management Skills for Professionals

HHB220 Intervention Theories And Methods

PUB251 Contemporary Public Health

PUB326 Epidemiology

PUB406 Health Promotion Strategies

PUB557 Health Needs of Indigenous Australians and Other Populations

### **Minor Electives**

#### **Peace and Conflict Resolution Minor**

Students choose four electives from the following units:

HHB111 Issues In International And Global Studies

HHB114 Introduction To Human Rights And Ethics

HHB215 Crisis And Conflict Resolution

HHB217 Conflict Management Skills for Professionals

HHB268 Vulnerable Identities

HHB274 Human Rights: International And Regional Activism

HHB275 Human Rights: Australian Activism

JSB932 Alternative Justice Processes

#### **Gender and Sexuality Minor**

Students choose four electives from the following units:

HHB233 Sex, Gender And Society

HHB241 Gender and Globalisation

HHB267 Feminism And Ethics

HHB270 Gene Technology And Ethics

HHB315 Sex And Drugs In South-East Asia

HHB335 Bodies, Cyborgs and Cyberspace

JSN015 Women and the Australian Legal System

KPB321 Body Matters

KPB343 Australian Film

PUB336 Women's Health

PYB054 Psychology and Gender

PYB067 Human Sexuality

### **First Year Caboolture**

#### **Year 1, Semester 1**

HHB116 Applied Skills And Scholarship

HHB110

Elective

Elective

HHB104 Understanding Society: Intro To Sociology

HHB114 Introduction To Human Rights And Ethics

Elective

Elective

Caboolture students should note that after completion of 96 credit points of study they will need to transfer to the QUT Carseldine campus to continue their course.

## **■ Bachelor of Social Science (Human Services) (HH02)**

**Award title:** Bachelor of Social Science (Human Services)

**CRICOS code:** 001819D

**Location:** Carseldine

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Marie Knox

### **Professional Membership**

Graduates are entitled to apply for membership of the Australian Institute of Welfare and Community Workers.

### **Full-time Course Structure**

#### **Year 1, Semester 1**

HHB116 Applied Skills And Scholarship

HHB100 Introduction To Human Services

HHB104 Understanding Society: Intro To Sociology

HHB114 Introduction To Human Rights And Ethics

OR Elective Unit (preferably from List A)

#### **Year 1, Semester 2**

HHB113 Interpersonal Communication

HHB102 The Human Condition

HHB103 Contemporary Social And Community Issues

HHB114 Introduction To Human Rights And Ethics

OR Elective Unit (preferably from List A)

**Note:** HHB114 must be selected in either Semester 1 or 2.

#### **Year 2, Semester 1**

HHB220 Intervention Theories And Methods

HHB201 Initial Professional Practice

One unit from List B (Introductory Service Units)

#### **Year 2, Semester 2**

HHB222 Human Service Practice: Legal Dimension

HHB200 Working In Human Service Organisations

HHB221 Intervention Processes And Ethics

One unit from List C (Professional Skills Units)

#### **Year 3, Semester 1**

One unit from List C (Professional Skills Units)

One unit from List D (Advanced Service Units)

One unit from Lists B or C

Any other elective unit

#### **Year 3, Semester 2**

HHB300 Current Developments In Human Services

HHB301 Advanced Professional Practice

### **Electives (Lists A-D)**

#### **List A - Elective Units**

HHB106 Australian Society And Culture

HHB110 Introduction To International And Global Studies

HHB111 Issues In International And Global Studies

HHB105 Exploring Change

HHB115 Human Identity And Change

HHB275 Human Rights: Australian Activism

HHB210 Indigenous Australia: Country, Kin And Culture

HHB112 Australian Politics

**List B - Introductory Service Contexts Units (Available Semester 1 only)**

- HHB203 Aged Services: Introduction
- HHB204 Child And Family Services: Introduction
- HHB205 Corrective Services: Introduction
- HHB206 Disability Services: Introduction
- HHB207 Services To Young People: Introduction

**List C - Professional Skills Units**

- HHB117 Introduction To Social Research Methods
- HHB215 Crisis And Conflict Resolution
- HHB212 Community Work
- HHB211 Casework And Case Management
- HHB213 Social Policy Processes
- HHB214 Team Practice and Group Processes
- HHB210 Indigenous Australia: Country, Kin And Culture

**List D - Advanced Service Contexts Units (Available Semester 1 only)**

- HHB303 Aged Services: Advanced
- HHB304 Child And Family Services: Advanced
- HHB305 Corrective Services: Advanced
- HHB306 Disability Services: Advanced
- HHB307 Services To Young People: Advanced

**Part-time Course Structure**

Students wishing to study on a part-time basis should consult the timetable and the course coordinator before selecting an enrolment program.

**Note:** It may not be possible to undertake all units in the evening.



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## Section Three – Course Information

# Information Technology

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## OVERVIEW

QUT's Faculty of Information Technology is one of the leading providers of information technology courses in Australia and is fast becoming internationally renowned for excellence in information technology and research. The Faculty is located at Gardens Point campus and also offers courses at Carseldine campus.

The Faculty comprises two schools:

- School of Information Systems
- School of Software Engineering and Data Communications.

As well as the knowledge gained from many years of running successful courses, Information Technology (IT) at QUT benefits from its close links with business and industry. Representatives of the IT industry are active contributors to the development and continual refinement of courses at QUT. The Faculty also coordinates a very successful Cooperative Education Program with the IT industry. The program offers high achieving IT students the option of completing 10-12 months paid professional experience in an IT organisation.

The Faculty has almost 4000 students, with a third being international students coming from some 54 countries to get the QUT real-world advantage. We continue to expand with the demand for graduates who can face not just today's challenges, but who can also tackle an unimagined future with confidence and innovation.

The Faculty promotes practical teaching and leadership in applied research that directly benefits industry and the professions. The lecturers are real-world professionals with years of relevant experience.

The Faculty draws on the talents of more than 110 academics, from diverse backgrounds allowing a dynamic exchange of culture, knowledge and expertise.

## SENIOR STAFF

### Faculty office

*Dean:* Professor S.M. Kaplan, BSc PhD *Cape Town*, FACS, HonFIEAust, MACM, MIEEE

*Director of Research:* Professor B. Pham, BSc(Hons) PhD *Tas*, DipEd *Monash*, ACM, IEEE, ACSA, APRS

*Director of Teaching and Learning:* Associate Professor C. Bruce, BA *Qld*, GradDipLibSc MEd(Res) *QUT*, PhD *UNE*

*Assistant Dean (External Relations):* M.G. Roggenkamp, BED *James Cook*, DipCompSc MScSt *Qld*, MACS, MACM, AIEEE

*Assistant Dean (Postgraduate Studies):* Dr A Anderson, BSc MInfSys *Qld*, PhD *QUT*, LMusA

*Assistant Dean (Undergraduate Studies):* Dr A.B. Tickle, BSc DipCompSc MSc *Qld*, GradDipMgt *CQU*, PhD *QUT*

*Assistant Dean (Strategy and Innovation):* Professor W. Caelli, BSc (Hons) *Newcastle (NSW)*, PhD *ANU*, FACS, FTICA, MIEEE

*Administration Manager:* P. Smith, BBus (Com) GradCertEd (HigherEd) *QUT*

### School of Information Systems

*Head:* Associate Professor B.A. Underwood, BBus *QIT*, MS (MIS) *Texas Tech*, MBA *Qld*, PhD, FACS, PCP

*Deputy Head:* H.H.Bentley, CertED *Eve*, BSc (Hons) *Manc*, MSc*Qld*, MACS, MACM

*Professors:*

G.G. Gable, DipCompSys *NAIT*, BCom *Alta*, MBA *W Ontario*, PhD *Brad*, ACS, AIR, IRMA

M.Rosemann, MBA, PhD *Univ of Münster Germany*

*Associate Professors:*

G.Stewart, BA DipEd MLitSt (CompSci) *Qld*, PhD *QUT*, FACS, PCP, AIMM, MIEEE, MACM

A.ter Hofstede, MSc PhD *KUN*

### School of Software Engineering and Data Communications

*Head:* Associate Professor M. Looi, BEng (Hons), BAppSc, PhD, MIEEE, MACS, CDec

*Professors:* E. Dawson, BSc DipEd *Wash*, MA *Syd*, MLitStu, MSc *Qld*, PhD *QUT*, FTICA, MIEEE, MCMSA, MIACR, MACS

*Adjunct Professors:*

D. Longley, BSc (Physics) (Hons) *Manc*, MSc (Tech) *UMIST*, PhD *Leic*, CEng, FIEE, FAIM

G. Mohay, BSc (Hons) *WAust*, PhD *Monash*

*Associate Professors:*

C. Boyd, BSc, PhD *Warwick*, CMATH

P. Roe, MEng (Hons) *York*, PhD *Glas*, MACM

J. Sitte, PhD *Uppsala*, SIEEE

## RESEARCH CENTRES

### Centre for Information Technology Innovation (CITI)

CITI was established in 2002, bringing together four established research areas to provide a centre capable of undertaking high-quality integrated and multidisciplinary projects in IT. The main research areas are: Cooperative Information Systems, Information Systems Management, Programming Languages and Systems, Smart Devices, Media Research and Development and Teaching and Learning Innovation.

*Director:* Professor P. R. Croll, BSc (Hons) PhD *Sheffield*, FACS, FBSC, CITP, CEng

Phone: +61 7 3864 9486

### Information Security Institute (ISI)

The Information Security Institute (ISI) is a collaborative research undertaking of the Faculty of Built Environment and Engineering (BEE), the Faculty of Business (BUS), the Faculty of Information Technology (IT), and the Faculty of Law (LAW). The ISI has been established to pursue multi-disciplinary research in technology, legal, policy and governance issues related to information security. The ISI undertakes research in eight broad research domains: Cryptology, E-Business and E-Government, Governance and Information Protection, Trusted Systems and Network Security, Computer Intrusion, Forensics and Evidence, Technology, Law and Policy, Biometric Person Authentication and Social and Behavioural Issues.

*Acting Director:* Professor E. Dawson, BSc DipEd *Wash*, MA *Syd*, MLitStu MSc *Qld*, PhD *QUT*, FTICA, MIEEE, MCMSA, MIACR, MACS

Phone: +61 7 3864 9551

## ■ Master of Information Management (IT70)

**Award title:** Master of Information Management

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Course coordinator:** Dr Gillian Hallam

### Entry Requirements

Applicants must have demonstrated competence in the basic skills and concepts of personal or office computer usage (eg. Desktop applications, email, internet access); and a bachelor's degree in a discipline other than library or information studies with a grade point average of at least 4.5 (7 point scale); or evidence of qualifications (for example Recognised Prior Learning) that satisfies the Dean of the Faculty that the applicant possesses the capacity to pursue the course of study and at least five years relevant full-time IT work experience.

### Course Structure

To graduate from the Master of Information Management (IT70) students are required to complete the 12 specified units.

To exit the Masters course with a Graduate Diploma in Information Management (IT72) students are required to complete the eight specified units.

In addition, there are four Graduate Certificate in Information Management programs available. Students are required to complete four specified units to graduate.

### Professional Recognition

Course recognition will be sought from the Australian Library and Information Association (ALIA) for the Master of Information Management. Recognition will also be sought from the Records Management Association Australia for both the Graduate Diploma and the Master of Information Management.

### Full-time Course Structure

#### Year 1, Semester 1

ITN200	Database Systems
ITN201	Enterprise Architecture
ITN273	Information Retrieval
ITN274	Management Issues for Info Professionals

#### Year 1, Semester 2

ITN275	Information Organisation
ITN276	Information Services
ITN266	Principles Of Information Management
	Specialisation Unit 1

#### Year 2, Semester 1

ITN278	
ITN279	Information Literacy Instruction
ITN280	Professional Practice
	Specialisation Unit 2
	Students who choose to undertake ITS010 Cooperative Education Program substitutes for ITN280.

*Specialisations (select two (2) units from a specialisation)*

### Part-time Course Structure

#### Year 1, Semester 1

ITN200	Database Systems
ITN273	Information Retrieval

#### Year 1, Semester 2

ITN201	Enterprise Architecture
ITN266	Principles Of Information Management

#### Year 2, Semester 1

ITN274	Management Issues for Info Professionals
ITN279	Information Literacy Instruction

#### Year 2, Semester 2

ITN275	Information Organisation
ITN276	Information Services

#### Year 3, Semester 1

ITN278	Web Content Management
	Specialisation Unit 1

#### Year 3, Semester 2

ITN280	Professional Practice
	Specialisation Unit 2

Students who choose to undertake ITS010 Cooperative Education Program substitutes for ITN280.

*Specialisations (select two (2) units from a specialisation)*

#### Library Studies

ITN315	Information Management Project
ITN316	Digital Library Systems
ITN317	Advanced Information Services
ITN318	Information Organisation 2
ITN330	Information Issues and Policy
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice
LWB143	Legal Research and Writing
LWB144	Laws and Global Perspectives
CLN601	Cyberlearning: Information & Knowledge in the Digital Age
CLN603	Designing Spaces for Learning
CLN647	Youth, Popular Culture, and Texts
HHB123	Indigenous Australian Culture Studies
EDB007	Culture Studies: Indigenous Education
SPN624	Adult and Professional Learning

#### Information and Knowledge Management

ITN255	Knowledge Management
ITN315	Information Management Project
SPN621	Adult And Workplace Education: Principles And Practices

#### Records Management

ITN315	Information Management Project
ITN319	Records Systems

#### Web Management

ITN227	Web Applications
ITN315	Information Management Project

### Specialisation Lists

*Specialisations (select two (2) units from a specialisation)*

#### Library Studies

ITN315	Information Management Project
ITN316	Digital Library Systems
ITN317	Advanced Information Services
ITN318	Information Organisation 2
ITN330	Information Issues and Policy
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice
LWB143	Legal Research and Writing
LWB144	Laws and Global Perspectives
CLN601	Cyberlearning: Information & Knowledge in the Digital Age
CLN603	Designing Spaces for Learning
HHB123	Indigenous Australian Culture Studies
EDB007	Culture Studies: Indigenous Education
SPN624	Adult and Professional Learning

#### Information and Knowledge Management

ITN255	Knowledge Management
ITN315	Information Management Project
SPN621	Adult And Workplace Education: Principles And Practices

#### Records Management

ITN315	Information Management Project
ITN319	Records Systems

#### Web Management

ITN227	Web Applications
ITN315	Information Management Project

## ■ Master of Information Technology (Advanced) (IT48)

**Award title:** Master of Information Technology (Advanced)

**CRICOS code:** 053123F

**Location:** Gardens Point

**Course duration (full-time):** 2 years (4 semesters)

**Course duration (part-time):** 4 years (8 semesters)

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

Applicants must have a Bachelor degree in information technology with a grade point average of at least 4.5 (on a 7 point scale) or provide other evidence of such qualifications and significant full-time IT work experience which will satisfy the

Dean of Faculty that the applicant possesses the capacity to pursue the course of study.

### Course Structure

To graduate from the Master of Information Technology (Advanced) students are required to complete 16 units, consisting of:

- a maximum of 4 Intermediate units
- a minimum of 7 Advanced Level 1 Units
- a minimum of 1 Advanced Level 2 Units; and
- a maximum of 4 Business units.

#### Advanced Level 1 Units

ITN220	Issues In IT Management
ITN244	Special Topic 1A (Record Systems)
ITN245	R/3 Systems Administration
ITN252	Process Engineering
ITN255	Knowledge Management
ITN257	Multimedia Systems
ITN260	E-Commerce Site Development
ITN262	E-Commerce Technologies
ITN272	Information Technology Project Management
ITN670	Security Technologies
ITN671	Wireless Networks
ITN673	Computer Forensics
ITN676	Software Quality Management
ITN677	Internationalisation of Software

Students are permitted to select up to three (3) units from the following list of undergraduate units, to be included towards their Advanced Level 1 Unit requirements.

ITB232	Database Systems
ITB239	Enterprise Data Mining
ITB254	Interactivity Design
ITB256	Special Topic 2A (Strategic Telework)
ITB258	ABAP Programming
ITB264	Information Systems Consulting
ITB263	Web Intelligence For E-Commerce
ITB267	Data Warehousing For Decision Support
ITB626	Management of Network Systems
ITB640	Artificial Intelligence
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB643	Unix Systems Programming
ITB644	Windows Administration
ITB645	Network Security
ITB646	Cryptographic Fundamentals
ITB647	Advanced Programming Technology
ITB648	Graphics
ITB649	Object Modelling for Games Design
ITB650	Computational Intelligence

#### Advanced Level 2 Units

ITN100	Research Methodology
ITN235	Distributed Object Information Systems
ITN253	Case Studies In Enterprise Systems
ITN259	Advanced Multimedia Systems
ITN261	Methods and Techniques in Business Process Management
ITN269	Special Topic 2B
ITN680	Web Services
ITN681	Trusted Systems and Networks
ITN682	Advanced Cryptology
ITN683	Compiler Construction
ITN684	Pattern Recognition and Data Mining
Project - 24 credit points (See Project Units for codes)	
Project - 48 credit points (See Project Units for codes)	

#### Project Units

Students in the Masters may complete a maximum of 48 credit points in project units. Students in the Graduate Diploma may complete a maximum of 24 credit points in project units. Advanced Level 1 project units are 12 and 24 credit points. Advanced Level 2 project units are 48 credit points.

ITN246	Minor Project 1 (IS)
ITN248	Minor Project 2 (IS)
ITN674	Minor Project 1 (SEDC)
ITN675	Minor Project 2 (SEDC)
ITN162	Project (IS)
ITN678	Project (SEDC) - Full-time
ITN172	Project (IS) (Part-time)
ITN679	Project (SEDC) - Part-time
ITN142	Major Project (IS) Full-Time

ITN685	Major Project (SEDC) Full-Time
ITN152	Major Project (IS) Part-Time
ITN686	Major Project (SEDC) Part-Time

#### Intermediate Level Units

Students seeking skills in a new IT specialisation can select units from the following list if they do not possess the requisite skills for study in a new IT specialisation. All Intermediate Level Units assume adequate foundation IT study, ie IT48 course entry prerequisite knowledge and skills.

ITN161	Information Security for IT Professionals
ITN218	Applications Programming
ITN222	Business Systems Analysis
ITN223	4GL Systems
ITN225	Java for E-Commerce
ITN227	Web Applications
ITN228	Enterprise Systems
ITN233	Enterprise Systems Applications
ITN241	Information Technology Management
ITN266	Principles Of Information Management
ITN660	Data Structures and Algorithms
ITN661	Object Oriented Programming
ITN662	Software Engineering
ITN663	Information Security Management
ITN664	Operating Systems
ITN665	Computer Network Management
ITN667	Internet Protocols and Services

## ■ Master of Information Technology (IT Graduates) (IT40)

**Award title:** Master of Information Technology (Study Area A)

**CRICOS code:** 003776E

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

Applicants for the Advanced Master of IT must have:

- a) a bachelors degree in Information Technology with a grade point average of at least 4.5 (7-point scale) OR
- b) provide other evidence of such qualifications and significant full-time IT work experience, as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study.

### Course Structure

To graduate from the Master of Information Technology, students are required to complete 12 units, including:

- a minimum of 6 x Advanced Level 1 Units
- a minimum of 1 x Advanced Level 2 Units.

To exit the Masters course with a Graduate Diploma in Information Technology, students are required to have completed 8 units, including:

- a minimum of 5 x Advanced Level 1 Units
- a minimum of 1 x Advanced Level 2 Units.

In addition, students may also gain credit for one or more graduate certificate awards while completing the Masters program. Graduate Certificates in IT consist of 4 designated units which highlight career specialisations in Computer Networks, Information Security, Enterprise Wide Software, Electronic Commerce, Management of Information Technology, Multimedia and Component Software and Web Services.

#### Advanced Level 1 Units

ITN220	Issues In IT Management
ITN233	Enterprise Systems Applications
ITN244	Special Topic 1A (Record Systems)
ITN245	R/3 Systems Administration
ITN252	Process Engineering
ITN255	Knowledge Management
ITN257	Multimedia Systems
ITN260	E-Commerce Site Development



ITN262	E-Commerce Technologies
ITN272	Information Technology Project Management
ITN670	Security Technologies
ITN671	Wireless Networks
ITN673	Computer Forensics
ITN676	Software Quality Management
ITN677	Internationalisation of Software

Students are permitted to select up to three (3) units from the following list of undergraduate units, to be included towards their Advanced Level 1 Unit requirements.

ITB232	Database Systems
ITB239	Enterprise Data Mining
ITB254	Interactivity Design
ITB256	Special Topic 2A (Strategic Telework)
ITB258	ABAP Programming
ITB264	Information Systems Consulting
ITB263	Web Intelligence For E-Commerce
ITB267	Data Warehousing For Decision Support
ITB626	Management of Network Systems
ITB640	Artificial Intelligence
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB643	Unix Systems Programming
ITB644	Windows Administration
ITB645	Network Security
ITB646	Cryptographic Fundamentals
ITB647	Advanced Programming Technology
ITB648	Graphics
ITB649	Object Modelling for Games Design
ITB650	Computational Intelligence

#### **Advanced Level 2 Units**

ITN100	Research Methodology
ITN235	Distributed Object Information Systems
ITN253	Case Studies In Enterprise Systems
ITN259	Advanced Multimedia Systems
ITN261	Methods and Techniques in Business Process Management
ITN269	Special Topic 2B
ITN680	Web Services
ITN681	Trusted Systems and Networks
ITN682	Advanced Cryptology
ITN683	Compiler Construction
ITN684	Pattern Recognition and Data Mining
	Project - 24 credit points (See Project Units for codes)
	Project - 48 credit points (See Project Units for codes)

#### **Project Units**

Students in the Masters may complete a maximum of 48 credit points in project units. Students in the Graduate Diploma may complete a maximum of 24 credit points in project units. Advanced Level 1 project units are 12 and 24 credit points. Advanced Level 2 project units are 48 credit points.

ITN246	Minor Project 1 (IS)
ITN248	Minor Project 2 (IS)
ITN674	Minor Project 1 (SEDC)
ITN675	Minor Project 2 (SEDC)
ITN162	Project (IS)
ITN678	Project (SEDC) - Full-time
ITN172	Project (IS) (Part-time)
ITN679	Project (SEDC) - Part-time
ITN142	Major Project (IS) Full-Time
ITN685	Major Project (SEDC) Full-Time
ITN152	Major Project (IS) Part-Time
ITN686	Major Project (SEDC) Part-Time

#### **Intermediate Level Units**

ITN161 Information Security for IT Professionals

Students seeking skills in a new IT specialisation can select units from the following list if they do not possess the requisite skills for study in a new IT specialisation. All Intermediate Level Units assume adequate foundation IT study, ie IT48 course entry prerequisite knowledge and skills.

ITN222	Business Systems Analysis
ITN218	Applications Programming
ITN223	4GL Systems
ITN225	Java for E-Commerce
ITN227	Web Applications
ITN228	Enterprise Systems
ITN233	Enterprise Systems Applications
ITN241	Information Technology Management
ITN266	Principles Of Information Management
ITN660	Data Structures and Algorithms

ITN661	Object Oriented Programming
ITN662	Software Engineering
ITN663	Information Security Management
ITN664	Operating Systems
ITN665	Computer Network Management
ITN667	Internet Protocols and Services

## ■ Master of Information Technology (Non-IT Graduates) (IT45)

**Award title:** Master of Information Technology

**CRICOS code:** 003776E

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Course coordinator:** Dr Alison Anderson

### **Entry Requirements**

Applicants for the Master of IT (Non-IT Graduates) must have:

a Bachelors degree in a discipline other than Information Technology with a grade point average of at least 4.5 (7 point scale); and have demonstrated competence with the basic skills and concepts of personal or office usage.

Applicants are assumed to possess the following prerequisite skills:

- can use and manage email facilities
- can create and manage a personal file system (eg. home or office computer)
- understand how to locate and use resources on the internet
- familiar with the typical desktop environment: word processors, spreadsheets, etc.
- aware of personal computing security issues with regard to backups, viruses, password protection.

These basic skills will not be taught in class. QUT-wide resources are made available for individuals to improve their computer literacy levels.

### **Course Structure**

To graduate from the Master of Information Technology (IT45) students are required to complete 12 units, including:

- 4 x Compulsory Basic Level Units
- A minimum of 3 x Advanced Level 1 Units.

To exit the Masters course with a Graduate Diploma in Information Technology (IT38), students are required to have completed 8 units, including:

- 4 x Compulsory Basic Level Units
- 4 x Chosen from Intermediate or Advanced Level 1 Units.

To exit the Masters course with a Graduate Certificate in Information Technology (IT97), students are required to have completed 4 of the Compulsory Basic Level Units.

#### **Basic Units**

ITN200	Database Systems
ITN201	Enterprise Architecture
ITN600	Programming Principles
ITN601	Systems and Networks

#### **Intermediate Level Units**

ITN218	Applications Programming
ITN222	Business Systems Analysis
ITN223	4GL Systems
ITN225	Java for E-Commerce
ITN227	Web Applications
ITN228	Enterprise Systems
ITN241	Information Technology Management
ITN266	Principles Of Information Management
ITN660	Data Structures and Algorithms
ITN661	Object Oriented Programming
ITN662	Software Engineering
ITN161	Information Security for IT Professionals
ITN664	Operating Systems
ITN665	Computer Network Management
ITN667	Internet Protocols and Services

### Advanced Level 1 Units

ITN220	Issues In IT Management
ITN233	Enterprise Systems Applications
ITN244	Special Topic 1A (Record Systems)
ITN245	R/3 Systems Administration
ITN252	Process Engineering
ITN255	Knowledge Management
ITN257	Multimedia Systems
ITN260	E-Commerce Site Development
ITN262	E-Commerce Technologies
ITN272	Information Technology Project Management
ITN670	Security Technologies
ITN671	Wireless Networks
ITN673	Computer Forensics
ITN676	Software Quality Management
ITN677	Internationalisation of Software

Students are permitted to select up to three (3) units from the following list of undergraduate units, to be included towards their Advanced Level 1 Unit requirements.

ITB232	Database Systems
ITB239	Enterprise Data Mining
ITB254	Interactivity Design
ITB256	Special Topic 2A (Strategic Telework)
ITB258	ABAP Programming
ITB263	Web Intelligence For E-Commerce
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support
ITB626	Management of Network Systems
ITB640	Artificial Intelligence
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB643	Unix Systems Programming
ITB644	Windows Administration
ITB645	Network Security
ITB646	Cryptographic Fundamentals
ITB647	Advanced Programming Technology
ITB648	Graphics
ITB649	Object Modelling for Games Design
ITB650	Computational Intelligence

### Advanced Level 2 Units

ITN100	Research Methodology
ITN235	Distributed Object Information Systems
ITN253	Case Studies In Enterprise Systems
ITN259	Advanced Multimedia Systems
ITN268	Special Topic (Inf Sys)
ITN269	Special Topic (Inf Sys)
ITN680	Web Services
ITN681	Trusted Systems and Networks
ITN682	Advanced Cryptology
ITN683	Compiler Construction
ITN684	Pattern Recognition and Data Mining
Project - 24 credit points (See Project Units for codes)	
Project - 48 credit points (See Project Units for codes)	

### Project Units

Students in the Masters may complete a maximum of 48 credit points in project units. Students in the Graduate Diploma may complete a maximum of 24 credit points in project units. Advanced Level 1 project units are 12 and 24 credit points. Advanced Level 2 project units are 48 credit points.

ITN246	Minor Project 1 (IS)
ITN248	Minor Project 2 (IS)
ITN674	Minor Project 1 (SEDC) - 12cps
ITN675	Minor Project 2 (SEDC) - 12cps
ITN162	Project (IS)
ITN678	Project (SEDC) - 24cps
ITN172	Project (IS) (Part-time)
ITN679	Project (SEDC) - PT - 24cps
ITN142	Major Project (IS) Full-Time
ITN685	Major Project (SEDC) - FT - 48cps
ITN152	Major Project (IS) Part-Time
ITN686	Major Project (SEDC) - PT - 48cps

## ■ Master of Information Technology (Research) (IT60)

**Award title:** Master of Information Technology (Research)

**CRICOS code:** 020309B

**Location:** Gardens Point

**Course duration (full-time):** 1.5 years or 3 semesters

**Course duration (part-time):** 3 years or 6 semesters

**Total credit points:** 144

**Course coordinator:** Associate Professor Colin Boyd

### Entry Requirements

An approved degree in information technology from a recognised tertiary institution or an equivalent qualification, with a grade point average equal to, or greater than 5 (7 point scale), OR

an approved degree from a recognised tertiary institution plus evidence of professional experience and skills to satisfy the academic board that the applicant possesses the capacity to pursue the course of study. The evidence should include details of any project or research activities undertaken.

An essential step in gaining admission to the degree is the choice of a research topic and the formulation of a research plan which meets with the Faculty's approval. Students should discuss their research proposal with Faculty staff at an early stage.

### Course Structure

The length of the program is generally expected to be one-and-a-half years if the candidate enrolls as a full-time student (including six months of provisional registration) and three years for part time (including one year of provisional registration).

Students with second class Honours division A (or better) in an information technology-related course will normally be enrolled in the Master of Information Technology (Research) and complete the degree in one year full-time.

Assessment for the award of Masters by Research is based on a program of supervised research and investigation, culminating in a thesis. Programs may include some coursework in support of the conduct of research and preparation of the thesis. Candidates are required to have regular interaction with supervisors and to participate in scholarly activities such as research seminars and publication.

### Course Structure

#### Full-time Course Structure

A program of research and investigation developed in conjunction with the Principal Supervisor and approved by the Faculty Research Committee. (Workload equivalent to 48 credit points per semester.)

#### Part-time Course Structure

A program of research and investigation developed in conjunction with the Principal Supervisor and approved by the Faculty Research Committee. (Workload equivalent to 24 credit points per semester.)

## ■ Graduate Diploma in Information Technology (IT Graduates) (IT35)

**Award title:** Graduate Diploma in Information Technology (Study Area A)

**CRICOS code:** 018771J

**Location:** Gardens Point

**Course duration (full-time):** 1 years

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

Applicants for either IT35 or IT40 must have:

- a bachelors degree in Information Technology with a grade point average of at least 4.5 (7-point scale) , or
- provide other evidence of such qualifications and significant full-time IT work experience, as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study

### Course Structure

To graduate from the Graduate Diploma in IT, students are required to have completed 8 units, including:

- a minimum of 5 x Advanced Level 1 Units

- a minimum of 1 x Advanced Level 2 Units.

Students may also gain credit for one or more graduate certificate awards while completing the Grad Dip or Masters program.

Graduate Certificates in Information Technology consist of 4 designated units which highlight career specialisations. Graduate certificate awards are available in Computer Networks, Information Security, Enterprise Wide Software, Electronic Commerce, Management of Information Technology, Multimedia and Component Software and Web Services.

### Articulation

Students who successfully complete the Graduate Diploma (96 credit points) are eligible for admission to the Masters and are only required to undertake an additional four units to meet the requirements for the Masters degree.

#### Advanced Level 1 Units

ITN161	Information Security for IT Professionals
ITN220	Issues In IT Management
ITN233	Enterprise Systems Applications
ITN244	Special Topic 1A (Record Systems)
ITN245	R/3 Systems Administration
ITN252	Process Engineering
ITN255	Knowledge Management
ITN257	Multimedia Systems
ITN260	E-Commerce Site Development
ITN262	E-Commerce Technologies
ITN272	Information Technology Project Management
ITN670	Security Technologies
ITN671	Wireless Networks
ITN673	Computer Forensics
ITN676	Software Quality Management
ITN677	Internationalisation of Software

Students are permitted to select up to three (3) units from the following list of undergraduate units, to be included towards their Advanced Level 1 Unit requirements.

ITB232	Database Systems
ITB239	Enterprise Data Mining
ITB254	Interactivity Design
ITB256	Special Topic 2A (Strategic Telework)
ITB258	ABAP Programming
ITB264	Information Systems Consulting
ITB263	Web Intelligence For E-Commerce
ITB267	Data Warehousing For Decision Support
ITB626	Management of Network Systems
ITB640	Artificial Intelligence
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB643	Unix Systems Programming
ITB644	Windows Administration
ITB645	Network Security
ITB646	Cryptographic Fundamentals
ITB647	Advanced Programming Technology
ITB648	Graphics
ITB649	Object Modelling for Games Design
ITB650	Computational Intelligence

#### Advanced Level 2 Units

ITN100	Research Methodology
ITN235	Distributed Object Information Systems
ITN253	Case Studies In Enterprise Systems
ITN259	Advanced Multimedia Systems
ITN261	Methods and Techniques in Business Process Management
ITN269	Special Topic 2B
ITN680	Web Services
ITN681	Trusted Systems and Networks
ITN682	Advanced Cryptology
ITN683	Compiler Construction
ITN684	Pattern Recognition and Data Mining
	Project - 24 credit points (See Project Units for codes)
	Project - 48 credit points (See Project Units for codes)

#### Project Units

Students in the Masters may complete a maximum of 48 credit points in project units. Students in the Graduate Diploma may complete a maximum of 24 credit points in project units. Advanced Level 1 project units are 12 and 24 credit points. Advanced Level 2 project units are 48 credit points.

ITN246	Minor Project 1 (IS)
ITN248	Minor Project 2 (IS)

ITN674	Minor Project 1 (SEDC)
ITN675	Minor Project 2 (SEDC)
ITN162	Project (IS)
ITN678	Project (SEDC) - Full-time
ITN172	Project (IS) (Part-time)
ITN679	Project (SEDC) - Part-time
ITN142	Major Project (IS) Full-Time
ITN685	Major Project (SEDC) Full-Time
ITN152	Major Project (IS) Part-Time
ITN686	Major Project (SEDC) Part-Time

#### Intermediate Level Units

With the approval of the Course Coordinator students seeking skills in a new IT specialisation can select up to two (2) units from the following list of units.

ITN218	Applications Programming
ITN222	Business Systems Analysis
ITN223	4GL Systems
ITN225	Java for E-Commerce
ITN227	Web Applications
ITN228	Enterprise Systems
ITN241	Information Technology Management
ITN266	Principles Of Information Management
ITN660	Data Structures and Algorithms
ITN661	Object Oriented Programming
ITN662	Software Engineering
ITN664	Operating Systems
ITN665	Computer Network Management
ITN667	Internet Protocols and Services
ITN161	Information Security for IT Professionals

## ■ Graduate Diploma in Information Technology (Non-IT Graduates) (IT38)

**Award title:** Graduate Diploma in Information Technology

**CRICOS code:** 018771J

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Course duration (part-time):** 4 semesters

**Total credit points:** 96

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

Students can elect to be admitted to either the Graduate Diploma in Information Technology (IT38) or the Master of Information Technology (IT45).

Applicants for either IT38 or IT45 must have: a Bachelors degree in a discipline other than Information Technology with a grade point average of at least 4.5 (7 point scale); and have demonstrated competence with the basic skills and concepts of personal or office usage such as desktop applications, email, Internet.

Applicants are assumed to possess the following prerequisite skills:

- can use and manage email facilities;
- can create and manage a personal file system (eg. home or office computer);
- understand how to locate and use resources on the internet;
- familiar with the typical desktop environment: word processors, spreadsheets, etc.;
- aware of personal computing security issues with regard to backups, viruses, password protection.

These basic skills will not be taught in class. QUT-wide resources are made available for individuals to improve their computer literacy levels.

### Course Structure

To graduate with a Graduate Diploma in Information Technology (IT38), students are required to have completed 8 units, including:

- 4 x Compulsory Basic Level Units
- 4 x Chosen from Intermediate or Advanced Level 1 Units.

To exit with a Graduate Certificate in Information Technology (IT97), students are required to have completed 4 units, consisting of the four Compulsory Basic Level Units.

**Basic Units**

ITN200	Database Systems
ITN201	Enterprise Architecture
ITN600	Programming Principles
ITN601	Systems and Networks

**Intermediate Level Units**

ITN218	Applications Programming
ITN222	Business Systems Analysis
ITN223	4GL Systems
ITN225	Java for E-Commerce
ITN227	Web Applications
ITN228	Enterprise Systems
ITN241	Information Technology Management
ITN266	Principles Of Information Management
ITN660	Data Structures and Algorithms
ITN661	Object Oriented Programming
ITN662	Software Engineering
ITN161	Information Security for IT Professionals
ITN664	Operating Systems
ITN665	Computer Network Management
ITN667	Internet Protocols and Services

**Advanced Level 1 Units**

ITN220	Issues In IT Management
ITN233	Enterprise Systems Applications
ITN244	Special Topic 1A (Record Systems)
ITN245	R/3 Systems Administration
ITN252	Process Engineering
ITN255	Knowledge Management
ITN257	Multimedia Systems
ITN260	E-Commerce Site Development
ITN262	E-Commerce Technologies
ITN263	Web Intelligence For E-Commerce
ITN272	Information Technology Project Management
ITN670	Security Technologies
ITN671	Wireless Networks
ITN673	Computer Forensics
ITN676	Software Quality Management
ITN677	Internationalisation of Software

Students are permitted to select up to two (2) units from the following list of undergraduate units, to be included towards their Advanced Level 1 Unit requirements.

ITB232	Database Systems
ITB239	Enterprise Data Mining
ITB254	Interactivity Design
ITB256	Special Topic 2A (Strategic Telework)
ITB263	Web Intelligence For E-Commerce
ITB258	ABAP Programming
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support
ITB626	Management of Network Systems
ITB640	Artificial Intelligence
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB643	Unix Systems Programming
ITB644	Windows Administration
ITB645	Network Security
ITB646	Cryptographic Fundamentals
ITB647	Advanced Programming Technology
ITB648	Graphics
ITB649	Object Modelling for Games Design
ITB650	Computational Intelligence

**Project Units**

ITN246	Minor Project 1 (IS)
ITN248	Minor Project 2 (IS)
ITN674	Minor Project 1 (SEDC)
ITN675	Minor Project 2 (SEDC)

*All ITN6XX units are subject to final approval*

## ■ Graduate Certificate in Information Management (Information and Knowledge Management) (IT74)

**Award title:** Graduate Certificate in Information Management (Information and Knowledge Management)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Dr Gillian Hallam

### Entry Requirements

Demonstrated competence in the basic skills and concepts of personal or office computer usage (eg Desktop applications, email, internet access); and a bachelor's degree in any discipline with a grade point average of at least 4.5 (7 point scale); or evidence of qualifications (for example Recognised Prior Learning) that satisfies the Faculty that the applicant possesses the capacity to pursue the course of study, and at least five years relevant full-time work experience (or equivalent part-time experience).

**Core Units**

ITN255	Knowledge Management
SPN621	Adult And Workplace Education: Principles And Practices
ITN315	Information Management Project
	OR
ITN280	Professional Practice
<b>Choose one unit from the following</b>	
ITN201	Enterprise Architecture
ITN266	Principles Of Information Management

## ■ Graduate Certificate in Information Management (Library Studies) (IT73)

**Award title:** Graduate Certificate in Information Management (Library Studies)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Dr Gillian Hallam

### Entry Requirements

Demonstrated competence in the basic skills and concepts of personal or office computer usage (eg Desktop applications, email, internet access); and a graduate diploma in library or information studies with a grade point average of at least 4.5 (7 point scale); or evidence of qualifications (for example Recognised Prior Learning) that satisfies the Faculty that the applicant possesses the capacity to pursue the course of study, and at least five years relevant full-time work experience (or equivalent part-time experience).

International students cannot gain direct entry to Graduate Certificates in Information Management as the programs are offered on a part-time basis only.

**Core Units**

ITN279	Information Literacy Instruction
ITN315	Information Management Project
	OR
ITN280	Professional Practice

**Choose two (2) units from the following:**

ITN276	Information Services
ITN316	Digital Library Systems
ITN317	Advanced Information Services
ITN318	Information Organisation 2
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice
LWB143	Legal Research and Writing
LWB144	Laws and Global Perspectives
CLN601	Cyberlearning: Information & Knowledge in the Digital Age
CLN603	Designing Spaces for Learning
HHB123	Indigenous Australian Culture Studies
EDB007	Culture Studies: Indigenous Education
SPN624	Adult and Professional Learning

## ■ Graduate Certificate in Information Management (Records Management) (IT75)

**Award title:** Graduate Certificate in Information Management (Records Management)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Dr Gillian Hallam

### Entry Requirements

Demonstrated competence in the basic skills and concepts of personal or office computer usage (eg Desktop applications, email, internet); and a bachelor's degree in any discipline with a grade point average of at least 4.5 (7 point scale); or evidence of qualifications (for example Recognised Prior Learning) that satisfies the Faculty that the applicant possesses the capacity to pursue the course of study, and at least five years relevant full-time work experience (or equivalent part-time experience).

### Course Structure

#### Core Units

ITN315	Information Management Project
ITN319	Records Systems
ITN266	Principles Of Information Management
ITN280	Professional Practice

#### Choose one unit from the following

ITN255	Knowledge Management
ITN200	Database Systems
ITN278	Web Content Management

## ■ Graduate Certificate in Information Management (Web Management) (IT76)

**Award title:** Graduate Certificate in Information Management (Web Management)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Dr Gillian Hallam

### Entry Requirements

Demonstrated competence in the basic skills and concepts of personal or office computer usage (eg Desktop applications, email, internet access); and a bachelor's degree in any discipline with a grade point average of at least 4.5 (7 point scale); or evidence of qualifications (for example Recognised Prior Learning) that satisfies the Faculty that the applicant possesses the capacity to pursue the course of study, and at least five years relevant full-time work experience (or equivalent part-time experience).

### Course Structure

#### Core Units

ITN278	Web Content Management
ITN315	Information Management Project
	OR
ITN280	Professional Practice

#### Choose two (2) units from the following

ITN227	Web Applications
ITN201	Enterprise Architecture
ITN200	Database Systems

## ■ Graduate Certificate in Information Technology (Component Software and Web Services) (IT99)

**Award title:** Graduate Certificate in Information Technology (Component Software and Web Services)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters or 26 weeks (based on completing 2 units/sem)

**Total credit points:** 48

**Course coordinator:** Dr Alison Anderson

#### Four (4) units to be selected from the following

ITN661	Object Oriented Programming
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB647	Advanced Programming Technology
ITN680	Web Services

## ■ Graduate Certificate in Information Technology (Computer Networks) (IT90)

**Award title:** Graduate Certificate in Information Technology (Computer Networks)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters or 26 weeks (based on completing 2 units/sem)

**Total credit points:** 48

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

Applicants must have a bachelors degree in Information Technology with a grade point average of at least 4.5 (7-point scale) OR provide other evidence of such qualifications and significant full-time Information Technology work experience as will satisfy the Dean of Faculty that the applicant possesses the capacity to pursue the course of study.

Assumed skills: Foundation level study of the principles of modern networking.

### Course Structure

#### Four units to be completed

ITN665	Computer Network Management
ITN667	Internet Protocols and Services
ITN671	Wireless Networks
ITB626	Management of Network Systems

## ■ Graduate Certificate in Information Technology (Electronic Commerce) (IT94)

**Award title:** Graduate Certificate in Information Technology (Electronic Commerce)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters or 26 weeks (based on completing 2 units/sem)

**Total credit points:** 48

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

An approved Bachelor's degree in Information Technology from a recognised tertiary institution with a grade point average of at least 4.5 (7-point scale); OR provide other evidence of such qualifications (for example Recognised Prior Learning) and significant full-time IT work experience, as will satisfy the Dean of Faculty, that the applicant possesses the capacity to pursue the course of study.

Assumed skills: Familiarity with object oriented concepts, some programming in modern languages and relational databases.

International students cannot gain direct entry to Graduate Certificates in IT as they are only currently available as part of a Masters program or an exit point.

### Course Structure

Students can directly enrol in the Master of IT (IT Graduates)(IT40) and gain credit for one or more graduate certificate awards while completing the program. They may also exit or graduate early from the course upon the successful completion of a graduate certificate (48 credit points) and/or a graduate diploma (96 credit points).

#### Four (4) units to be selected from the following

ITN227	Web Applications
ITN225	Java for E-Commerce
ITN260	E-Commerce Site Development
ITN262	E-Commerce Technologies

ITN263 Web Intelligence For E-Commerce  
ITN680 Web Services

## ■ Graduate Certificate in Information Technology (Enterprise Wide Software) (IT93)

**Award title:** Graduate Certificate in Information Technology (Enterprise Wide Software)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters or 26 weeks (based on completing 2 units/sem)

**Total credit points:** 48

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

An approved Bachelor's degree in Information Technology from a recognised tertiary institution with a grade point average of at least 4.5 (7-point scale); OR provide other evidence of such qualifications (for example Recognised Prior Learning) and significant full-time IT work experience, as will satisfy the Dean of Faculty, that the applicant possesses the capacity to pursue the course of study.

Assumed skills: Familiarity with concepts of enterprise architecture or enterprise modelling.

International students cannot gain direct entry to Graduate Certificates in IT as they are only currently available as part of a Masters program or an exit point.

### Course Structure

Students can use a graduate certificate in IT to articulate or gain credit towards a Graduate Diploma and/or Masters in IT award.

Alternatively, applicants may directly enrol in the Master of IT (IT Graduates)(IT40) and gain credit for one or more graduate certificate awards while completing the program. They may also exit or graduate early from the course upon the successful completion of a graduate certificate (48 credit points) and/or a graduate diploma (96 credit points).

**Four (4) units to be selected from the following**

ITN228 Enterprise Systems  
ITN233 Enterprise Systems Applications  
ITN245 R/3 Systems Administration  
ITN252 Process Engineering  
ITN253 Case Studies In Enterprise Systems

## ■ Graduate Certificate in Information Technology (Information Security) (IT92)

**Award title:** Graduate Certificate in Information Technology (Information Security)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters or 26 weeks (based on completing 2 units/sem)

**Total credit points:** 48

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

An approved Bachelor's degree in Information Technology from a recognised tertiary institution with a grade point average of at least 4.5 (7-point scale); OR provide other evidence of such qualifications (for example Recognised Prior Learning) and significant full-time IT work experience, as will satisfy the Dean of Faculty, that the applicant possesses the capacity to pursue the course of study.

Assumed skills: Familiarity with principles of modern networking and for ITB646, assumed Maths as specified in ITB646 (see Course Structure).

International students cannot gain direct entry to Graduate Certificates in IT as they are only currently available as part of a Masters program or an exit point.

**Four (4) units to be selected from the following:**

ITN161 Information Security for IT Professionals  
ITN670 Security Technologies  
ITN682 Advanced Cryptology  
ITN681 Trusted Systems and Networks  
ITB646 Cryptographic Fundamentals

## ■ Graduate Certificate in Information Technology (Information Technology Management) (IT96)

**Award title:** Graduate Certificate in Information Technology (Information Technology Management)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters or 26 weeks (based on completing 2 units/sem)

**Total credit points:** 48

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

An approved Bachelor's degree in Information Technology from a recognised tertiary institution with a grade point average of at least 4.5 (7-point scale); OR provide other evidence of such qualifications (for example Recognised Prior Learning) and significant full-time IT work experience, as will satisfy the Dean of Faculty, that the applicant possesses the capacity to pursue the course of study.

Assumed Skills: systems analysis & design, relational database design and implementation.

International students cannot gain direct entry to Graduate Certificates in IT as they are only currently available as part of a Masters program or an exit point.

### Course Structure

**Four (4) units to be selected from the following**

ITN241 Information Technology Management  
ITN266 Principles Of Information Management  
ITN220 Issues In IT Management  
ITN255 Knowledge Management  
ITN264 Information Systems Consulting  
ITN272 Information Technology Project Management

## ■ Graduate Certificate in Information Technology (Multimedia) (IT98)

**Award title:** Graduate Certificate in Information Technology (Multimedia)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters or 26 weeks (based on completing 2 units/sem)

**Total credit points:** 48

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

An approved Bachelor's degree in Information Technology from a recognised tertiary institution with a grade point average of at least 4.5 (7-point scale); OR provide other evidence of such qualifications (for example Recognised Prior Learning) and significant full-time IT work experience, as will satisfy the Dean of Faculty, that the applicant possesses the capacity to pursue the course of study.

Assumed skills: Familiarity with programming and database.

International students cannot gain direct entry to Graduate Certificates in IT as they are only currently available as part of a Masters program or an exit point.

### Course Structure

**Four (4) units to be completed**

ITN227 Web Applications  
ITB254 Interactivity Design  
ITN257 Multimedia Systems  
ITN259 Advanced Multimedia Systems

## ■ Graduate Certificate in Information Technology (Project) (IT95)

**Award title:** Graduate Certificate in Information Technology (Project)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters or 26 weeks (based on completing 2 units/sem)

**Total credit points:** 48

**Course coordinator:** Dr Alison Anderson

**One (1) unit to be selected from the following**

ITN142	Major Project (IS) Full-Time
ITN685	Major Project (SEDC) Full-Time
ITN152	Major Project (IS) Part-Time
ITN686	Major Project (SEDC) Part-Time

## ■ Graduate Certificate in Information Technology (Wireless Games Technology) (IT89)

**Award title:** Graduate Certificate in Information Technology (Wireless Games Technology)

**Location:** Gardens Point

**Course duration (part-time):** 2 semesters or 26 weeks (based on completing 2 units/sem)

**Total credit points:** 48

**Course coordinator:** Dr Alison Anderson

### Entry Requirements

An approved Bachelor's degree in Information Technology from a recognised tertiary institution with a grade point average of at least 4.5 (7-point scale); OR provide other evidence of such qualifications (for example Recognised Prior Learning) and significant full-time IT work experience, as will satisfy the Dean of Faculty, that the applicant possesses the capacity to pursue the course of study.

### Course Structure

**Four (4) units to be selected from the following Core Units:**

ITN664	Operating Systems
ITN671	Wireless Networks
ITB649	Object Modelling for Games Design

**Select one unit from the following:**

ITB650	Computational Intelligence
ITB254	Interactivity Design

## ■ Graduate Diploma in Library and Information Studies (IT25)

**Award title:** Graduate Diploma in Library and Information Studies

**CRICOS code:** 006379E

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr Gillian Hallam

### Course Discontinued

There will be no intake into this course for 2005.

## ■ Bachelor of Information Technology (Honours) (IT28)

**Award title:** Bachelor of Information Technology (Honours)

**CRICOS code:** 017323G

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Course coordinator:** Dr Frederic Maire

### Entry Requirements

A Bachelor of Information Technology from QUT or its equivalent, completed within 18 months prior to enrolment with a minimum grade point average of 5 on a 7-point scale or its equivalent OR demonstrated outstanding performance in the final year of the degree OR work experience or research considered appropriate by the Course Coordinator.

### The "Accelerated" Honours Program

The 'Accelerated Honours' program has been structured to provide an incentive for high achieving Bachelor of Information Technology (IT21) students to continue into the Faculty's Honours Program. See IT29 for further information.

### Full-time Course Structure

#### Year 1, Semester 1

ITN100	Research Methodology
ITN150-1	Honours Dissertation
	Elective
	Elective

#### Year 1, Semester 2

ITN150-2	Honours Dissertation
ITN150-3	Honours Dissertation
ITN150-4	Honours Dissertation
	Elective

### Part-time Course Structure

#### Year 1, Semester 1

ITN100	Research Methodology
ITN150-1	Honours Dissertation

#### Year 1, Semester 2

Elective  
Elective

#### Year 2, Semester 1

ITN150-2	Honours Dissertation
ITN150-3	Honours Dissertation

#### Year 2, Semester 2

ITN150-4	Honours Dissertation
	Elective

Elective Units - Students should choose from the list of advanced level postgraduate units. Normally units are undertaken in the area of the student's undergraduate major. Students wishing to enrol in a unit other than those listed should contact the Course Coordinator. Full-time students should be aware many electives may be offered evenings only.

### IT Honours Advanced Level PG Units

ITN235	Distributed Object Information Systems
ITN253	Case Studies In Enterprise Systems
ITN259	Advanced Multimedia Systems
ITN268	Special Topic (Inf Sys)
ITN269	Special Topic (Inf Sys)
ITN680	Web Services
ITN681	Trusted Systems and Networks
ITN682	Advanced Cryptology
ITN683	Compiler Construction
ITN684	Pattern Recognition and Data Mining

## ■ Bachelor of Information Technology (Honours) - Accelerated Program (IT29)

**Award title:** Bachelor of Information Technology (Honours)

**CRICOS code:** 017323G

**Location:** Gardens Point

**Course duration (full-time):** 2 semesters

**Total credit points:** 96

**Course coordinator:** Dr Frederic Maire

### Course Structure

#### Year 3, Semester 1\*

Elective

#### Year 3, Semester 2

ITN100	Research Methodology
ITN150-1	Honours Dissertation
	Elective
	Elective

### Year 3, Semester 3

ITN150-2 Honours Dissertation  
ITN150-3 Honours Dissertation  
ITN150-4 Honours Dissertation

\* The first semester of the Accelerated Honours Program occurs in the final semester of the IT21 course (48 credit points remaining). This involves a concurrent enrolment with IT21 (36 credit points enrolment) and 12 credit points Honours elective undertaken within the IT29 course. Elective Units - Students should choose from the list of advanced level postgraduate units. Normally units are undertaken in the area of the student's undergraduate major. Students wishing to enrol in a unit other than those listed should contact the Course Coordinator. Students should note that many electives might be offered in the evenings only.

### MID YEAR ENTRY

Year 3, Semester 2\*  
Elective

### Year 3, Semester 3

ITN100 Research Methodology  
ITN150-1 Honours Dissertation  
ITN150-2 Honours Dissertation

### Year 4, Semester 1

ITN150-3 Honours Dissertation  
ITN150-4 Honours Dissertation  
Elective  
Elective

\* The first semester of the Accelerated Honours Program occurs in the final semester of the IT21 course (48 credit points remaining). This involves a concurrent enrolment with IT21 (36 credit points enrolment) and 12 credit points Honours elective undertaken within the IT29 course. Elective Units - Students should choose from the list of advanced level postgraduate units. Normally units are undertaken in the area of the student's undergraduate major. Students wishing to enrol in a unit other than those listed should contact the Course Coordinator. Students should note that many electives might be offered in the evenings only.

### IT Honours Advanced Level PG Units

ITN235 Distributed Object Information Systems  
ITN253 Case Studies In Enterprise Systems  
ITN259 Advanced Multimedia Systems  
ITN268 Special Topic (Inf Sys)  
ITN269 Special Topic (Inf Sys)  
ITN680 Web Services  
ITN681 Trusted Systems and Networks  
ITN682 Advanced Cryptology  
ITN683 Compiler Construction  
ITN684 Pattern Recognition and Data Mining

## ■ Bachelor of Information Technology (IT21)

**Award title:** Bachelor of Information Technology (Study Area A)

**CRICOS code:** 012656E

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 years (International students must study at Gardens Point)

**Course duration (part-time):** 6 years (not available at Carseldine)

**Total credit points:** 288

**Course coordinator:** Dr Alan Tickle

### Professional Recognition

Graduates of the Bachelor of Information Technology meet the knowledge requirement for admission to the Australian Computer Society (ACS) as members.

### Cooperative Education Program

The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Students have the opportunity to undertake 10-12 months of paid industry employment between the second and third years of an IT degree.

Entry to the program is based on academic performance in the first two years of the Bachelor of Information Technology. Companies that QUT's Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking

and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ and Sun Microsystems.

Please note this program is only offered to Australian residents and permanent residents.

### Full-time Course Structure

#### Common First Year, Semester 1

ITB111 Software Development 1  
ITB113 Systems Architecture  
ITB115 Introduction to Databases  
ITB116 IT Professional Studies 1

#### Common First Year, Semester 2

ITB112 Software Development 2  
ITB114 Networking Systems  
ITB117 IT Professional Studies 2  
ITB118 ICT Systems Life Cycle

### Course Outline

#### Block 1: Common First Year (8 Units)

#### Block 2: Major (12 Units)

Data Communications  
Electronic Commerce  
Information Systems  
Software Engineering

#### Block 2: Major (14 Units)

Emerging Technologies  
Data Communications and Information Systems  
Data Communications and Software Engineering

#### Block 3: General Electives

4 Units for the following majors  
Data Communications  
Electronic Commerce  
Information Systems  
Software Engineering  
2 Units for the following majors  
Emerging Technologies  
Data Communications and Information Systems  
Data Communications and Software Engineering

### Carseldine

#### Common First Year, Semester 1

ITB111 Software Development 1  
ITB113 Systems Architecture  
ITB115 Introduction to Databases  
ITB116 IT Professional Studies 1

#### Common First Year, Semester 2

ITB114 Networking Systems  
ITB117 IT Professional Studies 2  
Block 3 OR ITB112  
Block 3 OR ITB118

### Part-time Course Structure

#### Year 1, Semester 1

ITB111 Software Development 1  
ITB114 Networking Systems

#### Year 1, Semester 2

ITB115 Introduction to Databases  
ITB116 IT Professional Studies 1

#### Year 2, Semester 1

ITB112 Software Development 2  
ITB117 IT Professional Studies 2

#### Year 2, Semester 2

ITB113 Systems Architecture  
ITB118 ICT Systems Life Cycle

### Data Communications Major

### Full-time Course Structure

#### Year 2, Semester 1

ITB161 Information Security for IT Professionals  
ITB610 Software Development 3  
ITB624 Internetworking  
MAB209 Mathematics for Software Communication

#### Year 2, Semester 2

ITB625 Network Administration  
ITB627 Network Technologies  
ITB629 Network Services  
Block 3 Elective Unit



**Year 3, Semester 1**

ITB626 Management of Network Systems  
ITB628 Network Planning  
Data Communications Elective Unit  
Block 3 Elective Unit

**Year 3, Semester 2**

Data Communications Elective Unit  
Data Communications Elective Unit  
Block 3 Elective Unit  
Block 3 Elective Unit  
Data Communications (DAT) Elective Units  
ITB227 Web Applications  
ITB272 Information Technology Project Management  
ITB617 Concurrent and Distributed Systems  
ITB643 Unix Systems Programming  
ITB644 Windows Administration  
ITB645 Network Security  
ITB646 Cryptographic Fundamentals  
ITB651 Project 1

**Note:** Students who complete the Cooperative Education Program with substitute ITS010 for a DAT elective unit.

**Part-time Course Structure**

**Year 3, Semester 1**

ITB624 Internetworking  
MAB209 Mathematics for Software Communication

**Year 3, Semester 2**

ITB610 Software Development 3  
ITB161 Information Security for IT Professionals

**Year 4, Semester 1**

ITB625 Network Administration  
ITB629 Network Services

**Year 4, Semester 2**

ITB626 Management of Network Systems  
ITB627 Network Technologies

**Year 5, Semester 1**

Data Communications Elective Unit  
Data Communications Elective Unit

**Year 5, Semester 2**

ITB628 Network Planning  
Data Communications Elective Unit

**Year 6, Semester 1**

Block 3 Elective Unit  
Block 3 Elective Unit

**Year 6, Semester 2**

Block 3 Elective Unit  
Block 3 Elective Unit  
Data Communications (DAT) Elective Units (3 units to be selected)  
Even Years - DAT Evening Electives  
Semester 1  
ITB272 Information Technology Project Management  
ITB617 Concurrent and Distributed Systems  
ITB643 Unix Systems Programming  
ITB646 Cryptographic Fundamentals  
Semester 2

ITB644 Windows Administration  
ITB227 Web Applications  
Odd Years - DAT Evening Electives  
Semester 1  
ITB272 Information Technology Project Management  
ITB617 Concurrent and Distributed Systems  
ITB643 Unix Systems Programming  
Semester 2

ITB227 Web Applications  
ITB645 Network Security

**Note:** ITB651 Project is available every semester day/evening

**Electronic Commerce Major**

**Full-time Course Structure**

**Year 2, Semester 1**

ITB161 Information Security for IT Professionals  
ITB227 Web Applications  
ITB228 Enterprise Systems  
Electronic Commerce Elective Unit

**Year 2, Semester 2**

ITB222 Business Systems Analysis  
ITB624 Internetworking

Electronic Commerce Elective Unit  
Block 3 Elective Unit (Business Studies)

**Year 3, Semester 1**

ITB229 Information Systems Modelling  
ITB260 E-Commerce Site Development  
Electronic Commerce Elective Unit  
Block 3 Elective Unit (Business Studies)

**Year 3, Semester 2**

BSB213 Legal Issues in Electronic Business  
Electronic Commerce Elective Unit  
Block 3 Elective Unit (Business Studies)  
Block 3 Elective Unit (Business Studies)  
Electronic Commerce Electives (Select four (4) units)  
Advanced Programming  
Software Development 3

ITB610 Object Technology  
ITB611 Object Technology  
ITB647 Advanced Programming Technology  
Commercial Applications  
Applications Programming

ITB218 4GL Systems  
ITB223 4GL Systems  
ITB258 ABAP Programming  
Component Technology  
Software Development 3

ITB610 Object Technology  
ITB611 Object Technology  
ITB641 Component and Network Applications  
Databases  
ITB232 Database Systems  
Electronic Commerce Technologies

ITB262 E-Commerce Technologies  
ITB263 Web Intelligence For E-Commerce  
Error Control/Cryptography  
Network Security

ITB645 Cryptographic Fundamentals  
ITB646 Cryptographic Fundamentals  
MAB209 Mathematics for Software Communication  
Information Systems  
Enterprise Systems Applications

ITB233 Enterprise Systems Applications  
ITB241 Information Technology Management  
ITB264 Information Systems Consulting  
Multimedia  
Interactivity Design

ITB254 Interactivity Design  
ITB257 Multimedia Systems  
ITB259 Advanced Multimedia Technologies  
Network Administration  
Network Administration

ITB625 Network Administration  
ITB644 Windows Administration  
ITB626 Management of Network Systems  
Systems Administration  
ITB610 Software Development 3

ITB617 Concurrent and Distributed Systems  
ITB644 Windows Administration  
Project Management  
ITB272 Information Technology Project Management

Students who complete the Cooperative Education Program will substitute ITS010 for an Electronic Commerce Elective.

**Part-time Course Structure**

**Year 3, Semester 1**

ITB222 Business Systems Analysis  
ITB228 Enterprise Systems

**Year 3, Semester 2**

ITB227 Web Applications  
ITB229 Information Systems Modelling

**Year 4, Semester 1**

Electronic Commerce Elective Unit  
Block 3 Elective Unit

**Year 4, Semester 2**

ITB161 Information Security for IT Professionals  
ITB624 Internetworking

**Year 5, Semester 1**

Electronic Commerce Elective Unit  
Block 3 Elective Unit (Business Studies)

**Year 5, Semester 2**

BSB213 Legal Issues in Electronic Business  
ITB260 E-Commerce Site Development

**Year 6, Semester 1**

Electronic Commerce Elective Unit  
Block 3 Elective Unit (Business Studies)

**Year 6, Semester 2**

Electronic Commerce Elective Unit

	Block 3 Elective Unit (Business Studies)
	Electronic Commerce Electives (Select four (4) units)
	Advanced Programming
ITB610	Software Development 3
ITB611	Object Technology
ITB647	Advanced Programming Technology
	Commercial Applications
ITB218	Applications Programming
ITB223	4GL Systems
ITB258	ABAP Programming
	Component Technology
ITB610	Software Development 3
ITB611	Object Technology
ITB641	Component and Network Applications
	Databases
ITB232	Database Systems
	Electronic Commerce Technologies
ITB262	E-Commerce Technologies
ITB263	Web Intelligence For E-Commerce
	Error Control/Cryptography
ITB645	Network Security
ITB646	Cryptographic Fundamentals
MAB209	

	Information Systems
ITB233	Enterprise Systems Applications
ITB241	Information Technology Management
ITB264	Information Systems Consulting
	Multimedia
ITB254	Interactivity Design
ITB257	Multimedia Systems
ITB259	Advanced Multimedia Technologies
	Network Administration
ITB625	Network Administration
ITB644	Windows Administration
ITB626	Management of Network Systems
	Systems Administration
ITB610	Software Development 3
ITB617	Concurrent and Distributed Systems
ITB644	Windows Administration
	Project Management
ITB272	Information Technology Project Management

## Emerging Technologies Major

### Full-time Course Structure

#### Year 2, Semester 1

ITB222	Business Systems Analysis
	OR
ITB612	Software Engineering Principles
	IT21 Block 2 Unit
	IT21 Block 2 Unit
	Emerging Technologies Elective Unit

#### Year 2, Semester 2

	IT21 Block 2 Unit
	IT21 Block 2 Unit
	IT21 Block 2 Unit
	Emerging Technologies Elective Unit

#### Year 3, Semester 1

ITB272	Information Technology Project Management
MGB223	Creating New Enterprises
	OR#
MGB218	Venture Skills
	Emerging Technologies Elective Unit
	Emerging Technologies Elective Unit
	# Students are only required to complete either MGB223 or MGB218

#### Year 3, Semester 2

ITB240	Project (Information Systems)
	OR
ITB651	Project 1
	Emerging Technologies Elective Unit
	Block 3 Elective Unit
	Block 3 Elective Unit

### Emerging Technologies Electives (minimum of five (5) units to be selected)

	Information Systems
ITB233	Enterprise Systems Applications
ITB236	Object-Oriented Analysis And Design
ITB241	Information Technology Management

ITB243	Knowledge-Based Systems
ITB245	R/3 Systems Administration
ITB254	Interactivity Design
ITB257	Multimedia Systems
ITB258	ABAP Programming
ITB260	E-Commerce Site Development
ITB262	E-Commerce Technologies
ITB263	Web Intelligence For E-Commerce
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support
	Software Engineering and Data Communications
ITB626	Management of Network Systems
ITB628	Network Planning
ITB640	Artificial Intelligence
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB643	Unix Systems Programming
ITB644	Windows Administration
ITB645	Network Security
ITB646	Cryptographic Fundamentals
ITB647	Advanced Programming Technology
ITB648	Graphics

### Part-time Course Structure

#### Year 3, Semester 1

ITB222	Business Systems Analysis
	OR#
ITB612	Software Engineering Principles
	IT21 Block 2 Unit

#### Year 3, Semester 2

	IT21 Block 2 Unit
	IT21 Block 2 Unit

#### Year 4, Semester 1

MGB218	Venture Skills
	OR#

#### MGB223 Creating New Enterprises

	IT21 Block 2 Unit
	#Students are required to complete either MGB218 or MGB223

#### Year 4, Semester 2

	Emerging Technologies Elective Unit
	IT21 Block 2 Unit

#### Year 5, Semester 1

ITB272	Information Technology Project Management
	Emerging Technologies Elective Unit

#### Year 5, Semester 2

ITB240	Project (Information Systems)
	OR
ITB651	Project 1
	Emerging Technologies Elective Unit

#### Year 6, Semester 1

	Emerging Technologies Elective Unit
	Emerging Technologies Elective Unit

#### Year 6, Semester 2

	Block 3 Elective Unit
	Block 3 Elective Unit

### Emerging Technology Electives (EMT) (minimum of five (5) units to be selected)

	Information Systems
ITB233	Enterprise Systems Applications
ITB236	Object-Oriented Analysis And Design
ITB241	Information Technology Management
ITB243	Knowledge-Based Systems
ITB245	R/3 Systems Administration
ITB254	Interactivity Design
ITB257	Multimedia Systems
ITB258	ABAP Programming
ITB260	E-Commerce Site Development
ITB262	E-Commerce Technologies
ITB263	Web Intelligence For E-Commerce
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support
	Software Engineering and Data Communications
ITB626	Management of Network Systems
ITB628	Network Planning
ITB640	Artificial Intelligence
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB643	Unix Systems Programming

ITB644	Windows Administration
ITB645	Network Security
ITB646	Cryptographic Fundamentals
ITB647	Advanced Programming Technology
ITB648	Graphics

## Information Systems Major

### Full-time Course Structure

#### Year 2, Semester 1

ITB218	Applications Programming
ITB227	Web Applications
ITB229	Information Systems Modelling
	Block 3 Elective Unit

#### Year 2, Semester 2

ITB222	Business Systems Analysis
ITB228	Enterprise Systems
	Information Systems Elective Unit
	Block 3 Elective Unit

#### Year 3, Semester 1

ITB232	Database Systems
ITB241	Information Technology Management
	Information Systems Elective Unit
	Block 3 Elective Unit

#### Year 3, Semester 2

ITB240	Project (Information Systems)
	Information Systems Elective Unit
	Information Systems Elective Unit
	Block 3 Elective Unit

#### Information Systems Electives (4 units to be selected)

	Database Systems Area
ITB223	4GL Systems
ITB267	Data Warehousing For Decision Support
ITB239	Enterprise Data Mining
	E-Commerce Area
ITB260	E-Commerce Site Development
ITB262	E-Commerce Technologies
ITB263	Web Intelligence For E-Commerce
	Enterprise Systems Area
ITB233	Enterprise Systems Applications
ITB245	R/3 Systems Administration
ITB258	ABAP Programming
	Information Management Area
ITB266	Principles Of Information Management
ITB322	Information Resources
ITB330	Information Issues
ITB341	Strategic Information And Knowledge Management
	Information Resources Area*
ITB265	Management Of Information Programs
ITB266	Principles Of Information Management
ITB322	Information Resources
ITB330	Information Issues
ITB335	Digital Libraries
ITB337	Information Organisation 1
ITB338	Information Resource Provision
ITB339	Professional Practice
	IT Management & Consulting Area
ITB264	Information Systems Consulting
ITB272	Information Technology Project Management
	Multimedia Area
ITB254	Interactivity Design
ITB257	Multimedia Systems
ITB259	Advanced Multimedia Technologies
	Programming Area
ITB223	4GL Systems
ITB258	ABAP Programming
	Ungrouped Units
ITB230	Project
ITB236	Object-Oriented Analysis And Design
ITB161	Information Security for IT Professionals
ITB256	Special Topic 2A (Strategic Telework)

Students who complete the Cooperative Education Program substitute ITS010 for ITB240.

Students seeking ALIA recognition are required to complete eight units within Information Resources Area, using both the 4 ISS Elective units and the 4 Block 3 Elective Units.

### Part-time Course Structure

#### Year 3, Semester 1

ITB222	Business Systems Analysis
ITB228	Enterprise Systems
	<b>Year 3, Semester 2</b>
ITB227	Web Applications
ITB229	Information Systems Modelling

#### Year 4, Semester 1

Information Systems Elective Unit  
Block 3 Elective Unit

#### Year 4, Semester 2

ITB218	Applications Programming
ITB232	Database Systems

#### Year 5, Semester 1

Information Systems Elective Unit  
Block 3 Elective Unit

#### Year 5, Semester 2

ITB241	Information Technology Management
	Information Systems Elective Unit

#### Year 6, Semester 1

ITB240	Project (Information Systems)
	Block 3 Elective Unit

#### Year 6, Semester 2

Information Systems Elective Unit  
Block 3 Elective Unit

## Software Engineering Major

### Full-time Course Structure

#### Year 2, Semester 1

ITB610	Software Development 3
ITB616	Computer Architecture
ITB624	Internetworking
MAB209	Mathematics for Software Communication

#### Year 2, Semester 2

ITB611	Object Technology
ITB612	Software Engineering Principles
ITB617	Concurrent and Distributed Systems
	Block 3 Elective Unit

#### Year 3, Semester 1

ITB613	Advanced Programming Laboratory
ITB614	Programming Languages
	Software Engineering Elective Unit
	Block 3 Elective Unit

#### Year 3, Semester 2

Software Engineering Elective Unit  
Software Engineering Elective Unit  
Block 3 Elective Unit  
Block 3 Elective Unit

#### Software Engineering (SOF) Elective Units (three (3) units to be selected)

Students should plan their elective selection as far ahead as possible, taking into account the fact that some of the following units are oscillating offerings (alternate Day/Evening in alternate years).

ITB640	Artificial Intelligence
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB643	Unix Systems Programming
ITB644	Windows Administration
ITB647	Advanced Programming Technology
ITB648	Graphics
ITB649	Object Modelling for Games Design
ITB650	Computational Intelligence
ITB651	Project 1
ITB272	Information Technology Project Management

Students who complete the Cooperative Education Program will substitute ITS010 for ITB613.

### Part-time Course Structure

#### Year 3, Semester 1

ITB624	Internetworking
MAB209	Mathematics for Software Communication

#### Year 3, Semester 2

ITB610	Software Development 3
ITB616	Computer Architecture

#### Year 4, Semester 1

ITB611	Object Technology
ITB612	Software Engineering Principles

#### Year 4, Semester 2

ITB613	Advanced Programming Laboratory
ITB614	Programming Languages

**Year 5, Semester 1**

ITB617 Concurrent and Distributed Systems  
Block 3 Elective Unit

**Year 5, Semester 2**

SOF Elective Unit  
Block 3 Elective Unit

**Year 6, Semester 1**

SOF Elective Unit  
Block 3 Elective Unit

**Year 6, Semester 2**

SOF Elective Unit  
Block 3 Elective Unit

**Software Engineering (SOF) Elective Units (three (3) units to be selected)**

Students should plan their elective selection as far ahead as possible, taking into account the fact that some of the following units are oscillating offerings (alternate Day/Evening in alternate years).

ITB640 Artificial Intelligence  
ITB641 Component and Network Applications  
ITB642 Web Application Development  
ITB643 Unix Systems Programming  
ITB644 Windows Administration  
ITB647 Advanced Programming Technology  
ITB648 Graphics  
ITB649 Object Modelling for Games Design  
ITB650 Computational Intelligence  
ITB651 Project 1  
ITB272 Information Technology Project Management

**Integrated Majors**

**Data Communications & Information Systems**

**Full-time Course Structure**

**Year 2, Semester 1**

ITB218 Applications Programming  
ITB623 Information Security  
ITB624 Internetworking  
MAB209 Mathematics for Software Communication

**Year 2, Semester 2**

ITB222 Business Systems Analysis  
ITB227 Web Applications  
ITB627 Network Technologies  
ITB625 Network Administration

**Year 3, Semester 1**

ITB229 Information Systems Modelling  
ITB232 Database Systems  
ITB228 Enterprise Systems  
ITB629 Network Services

**Year 3, Semester 2**

DCI Elective Unit  
DCI Elective Unit  
Block 3 Elective Unit  
Block 3 Elective Unit

**DCI Elective Units (two (2) to be selected)**

ITB260 E-Commerce Site Development  
ITB263 Web Intelligence For E-Commerce  
ITB272 Information Technology Project Management  
ITB617 Concurrent and Distributed Systems  
ITB643 Unix Systems Programming  
ITB644 Windows Administration  
ITB645 Network Security  
ITB646 Cryptographic Fundamentals  
ITB651 Project 1

Students who complete the Cooperative Education Program will substitute ITS010 for a DCI Elective Unit.

**Part-time Course Structure**

**Year 3, Semester 1**

ITB222 Business Systems Analysis  
ITB624 Internetworking

**Year 3, Semester 2**

ITB227 Web Applications  
ITB623 Information Security

**Year 4, Semester 1**

ITB229 Information Systems Modelling  
MAB209 Mathematics for Software Communication

**Year 4, Semester 2**

ITB232 Database Systems  
ITB627 Network Technologies

**Year 5, Semester 1**

ITB228 Enterprise Systems  
ITB625 Network Administration

**Year 5, Semester 2**

ITB218 Applications Programming  
DCI Elective Unit

**Year 6, Semester 1**

ITB629 Network Services  
Block 3 Elective Unit

**Year 6, Semester 2**

DCI Elective Unit  
Block 3 Elective Unit

**Data Communications & Software Engineering**

**Full-time Course Structure (Gardens Point campus)**

**Year 2, Semester 1**

ITB610 Software Development 3  
ITB623 Information Security  
ITB624 Internetworking  
MAB209 Mathematics for Software Communication

**Year 2, Semester 2**

ITB611 Object Technology  
ITB612 Software Engineering Principles  
ITB625 Network Administration  
ITB627 Network Technologies

**Year 3, Semester 1**

ITB613 Advanced Programming Laboratory  
ITB617 Concurrent and Distributed Systems  
ITB629 Network Services  
Block 3 Elective Unit

**Year 3, Semester 2**

ITB616 Computer Architecture  
CDC Elective Unit  
CDC Elective Unit  
Block 3 Elective Unit

**CDC Elective Units**

Please note some of the following units are oscillating offerings (alternate Day/Evening in alternate years).

ITB272 Information Technology Project Management  
ITB626 Management of Network Systems  
ITB628 Network Planning  
ITB641 Component and Network Applications  
ITB642 Web Application Development  
ITB643 Unix Systems Programming  
ITB644 Windows Administration  
ITB645 Network Security  
ITB646 Cryptographic Fundamentals  
ITB651 Project 1

**Part-time Course Structure (Gardens Point campus)**

**Year 3, Semester 1**

ITB612 Software Engineering Principles  
ITB624 Internetworking

**Year 3, Semester 2**

ITB610 Software Development 3  
ITB623 Information Security

**Year 4, Semester 1**

ITB617 Concurrent and Distributed Systems  
MAB209 Mathematics for Software Communication

**Year 4, Semester 2**

ITB616 Computer Architecture  
ITB627 Network Technologies

**Year 5, Semester 1**

ITB611 Object Technology  
ITB625 Network Administration

**Year 5, Semester 2**

ITB613 Advanced Programming Laboratory  
CDC Elective Unit

**Year 6, Semester 1**

ITB629 Network Services  
Block 3 Elective Unit

**Year 6, Semester 2**

DCI Elective Unit  
Block 3 Elective Unit

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## Section Three – Course Information

# Law

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## OVERVIEW

The QUT Faculty of Law is Australia's largest tertiary educator in Law and Justice Studies. The Faculty is an acknowledged leader in its field and provides a sound balance of practical and theoretical training, which enables graduates to progress into the real world with ease. The Faculty consists of the School of Law, the School of Justice Studies and the Legal Practice Unit.

The Faculty's teaching and learning programs develop legal research and analysis skills within contextual and conceptual frameworks. Additionally a global approach to education is adopted which includes international visiting scholars, exchange programs for staff and students, and offshore programs.

The Faculty is continually striving for excellence in teaching and learning in response to the demands of its graduates, their employers, professional bodies and the practising professions. The Bachelor of Laws keeps abreast of the changing and challenging demands of a modern and relevant legal education while the Bachelor of Justice provides students with more flexibility and a greater degree of specialisation.

Other initiatives to enhance the quality of students' tertiary legal and justice education are online teaching delivery and curriculum design for graduate capability development. The Faculty's online teaching sites offer students flexibility in the delivery of course content by providing electronic access to course materials and other Internet resources, together with greater opportunities for communication between academic staff and students. The Faculty is also an acknowledged leader in curriculum design for graduate capability attainment. In both law and justice programs, teaching and learning environments have been developed which integrate opportunities for students to develop both generic and discipline specific skills. The Law Faculty has also established the first specially designed electronic moot court in the southern hemisphere.

A feature that sets QUT apart as the university for the real world is its liaison and collaboration with the legal profession and justice industries. Emphasis on real world experience, projects and case studies is an essential part of QUT education.

The Faculty offers undergraduate study through the Bachelor of Laws and Bachelor of Justice courses. A range of double degree programs are also available, offering the Bachelor of Laws in conjunction with the Bachelor of Justice or with a bachelor degree in Applied Science, Arts, Business, Creative Industries, Journalism or Information Technology.

A three-year accelerated Bachelor of Laws program is available for students who already hold a bachelor degree in another discipline. These students may also have the opportunity to select their elective units from the Law School's postgraduate program and graduate concurrently with a Graduate Certificate in Law.

The Faculty offers a range of postgraduate study options, including graduate certificate and graduate diploma courses, masters degrees by coursework or research, and doctoral programs. Many of these courses provide students with the opportunity to build on relevant undergraduate study or professional experience, and develop their expertise in a specialist area.

The Faculty offers a Legal Practice Course (the Graduate Diploma in Legal practice) that prepares law graduates for admission as legal practitioners. The course satisfies the practical training requirements of Queensland's legal practitioner admission rules\* (\*subject to Legal Practitioners Admissions Board approval). We offer the course twice a year in full-time, part-time (in-practice) and part-time (general) modes. Our part-time in-practice mode is specially designed for persons who are already working in private or government law offices. Our part-time courses are delivered online for the convenience of persons who are working full-time or who otherwise do not wish to study on campus. We are Queensland's longest established practical

legal training course and we have successfully prepared over 1000 law graduates for admission as legal practitioners.

The Faculty of Law achieves consistently high graduate employment rates which support its position as one of Australia's leading law faculties. The Law School prepares students for careers in law firms, government and other industries. The School of Justice Studies produces graduates with qualifications for employment in policing, justice, defence, security and other social justice areas.

Some of Australia's foremost legal researchers are located within the QUT Faculty of Law. Key research areas include:

- Technology Law and Policy
- Commercial and Property Law
- Health and Medicolegal Issues
- Constitutionalism and Human Rights
- Information Protection and Security
- Criminal Law and Criminal Justice
- Organised Crime and Corruption Investigation
- Environmental and Natural Resources Law
- Legal and Justice Education
- Competition and Intellectual Property
- Women, Children and the Law
- Courts and Dispute Resolution
- Legal Theory, Applications and Practice.

## SENIOR STAFF

### Faculty office

*Dean:* Professor the Honourable M. Lavarch, LLB *QUT*

*Administration Manager:* Mr W.A. Smith, BA(Hons) *Syd*, GradDipCourt & Parliamentary Reporting *Canb*

*Assistant Dean (Acting), Research:* Professor S.G. Corones, BCom LLB *Qld*, LLM *Lond*, PhD *Qld*

*Assistant Dean, Teaching and Learning:* Associate Professor S. Kift, LLB *Qld*, LLM *QUT*

*Assistant Dean, External Relations and Commercial Activities:* Professor W.D. Duncan, LLB *Qld*, LLM *Lond*, Solicitor

### Law School

*Head:* Professor B. Fitzgerald, BA PhD *Griff*, LLB(Hons) *QUT*, BCL *Oxon*, LLM *Harv*

#### Professors:

S.G. Corones, BCom LLB *Qld*, LLM *Lond*, PhD *Qld*

S.A. Christensen, LLB (Hons) LLM *QUT*, Solicitor (Qld),

Gadens Professor in Property Law

W.D. Duncan, LLB *Qld*, LLM *Lond*, Solicitor

D.E. Fisher, LLB MA PhD *Edin*

W.B. Lane, LLB *Syd*, LLM *Melb*, Clayton Utz Professor of Public Law

D.A. Butler, LLB (Hons) PhD *QUT*

#### Associate Professors:

S. Kift, LLB *Qld*, LLM *QUT*

L. Willmott, BCom LLB (Hons) *Qld*, LLM *Camb*

G. Mackenzie, LLB LLM *QUT*, PhD *NSW*

### Legal Practice

*Director:* Mr A.J. Chay, LLB LLM *Qld*

### Justice Studies

*Head of School (Acting):* Dr B. Carpenter, BHMS(Hons) *Qld*, PhD *Griff*

## ■ Doctor of Juridical Science (LW50)

**Award title:** Doctor of Juridical Science

**CRICOS code:** 012652J

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 1 1/2 Years (minimum)

**Course duration (part-time):** 3 Years (minimum)

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assistant Dean, Research

### Award

The SJD will be awarded subject to the Faculty of Law Academic Board receiving:

- (i) a certificate of satisfactory completion of the candidate's approved course of study signed by the Principal Supervisor and the Assistant Dean, Research;
- (ii) a declaration signed by the candidate that he/she has not been a candidate for another tertiary award during the tenure of his/her SJD candidature;
- (iii) a declaration signed by the candidate stating original authorship of a thesis;
- (iv) a certificate signed by the Principal Supervisor, and Assistant Dean, Research stating that the candidate has satisfactorily completed the examination process, including completing any revisions or re-examination required by the external examiners; and
- (v) two final copies of the thesis in the prescribed format.

For the purposes of these Rules the Assistant Dean, Research acts as the delegate of the Dean, Faculty of Law and Faculty of Law Research Committee acts as the delegate of the Law Academic Board.

### 1. Entry Requirements

1.1 The Faculty of Law Research Committee may admit to candidature an applicant who:

- (i) holds or has completed the requirements for the degree of (a) Bachelor of Laws or (b) Bachelor of Justice with at least Second Class Honours Division A at the Queensland University of Technology or its equivalent from another institution; or
  - (ii) holds or has completed the requirements for the degree of (a) Master of Laws by Coursework or (b) Master of Arts (Justice Studies) with a grade point average of at least 5.0 on a 7 point scale at the Queensland University of Technology or its equivalent from another institution which, in the opinion of the Assistant Dean (Research) maintains standards comparable with those required for the award of the degree of Master of Laws and Master of Arts (Justice Studies) respectively at the Queensland University of Technology;
- and, in the case of (i) or (ii) an applicant must also satisfy the following:
- (iii) has a minimum of two years professional experience appropriate to the proposed course of study; and
  - (iv) that the applicant can demonstrate a level of research experience and potential which is deemed acceptable to the Assistant Dean (Research) for example, by the publication of articles in refereed research journals; and
  - (v) can demonstrate a sufficient command of the English language to complete the proposed course of study in that language.

### 1.2 Alternative Entry

In exceptional circumstances, applicants with lesser academic qualifications but with exemplary professional experience may be given provisional enrolment on the approval of the Assistant Dean, Research. Applicants seeking entry under this rule would normally have completed a three-year bachelor level degree from

the Queensland University of Technology or another recognised institution. In addition, in order to assess the adequacy of the professional experience of the applicant, they will be required to address the following criteria as it relates to the proposed area of research:

- (i) evidence of professional leadership
- (ii) quality of academic achievement
- (iii) evidence of professional involvement in research and/or consultancy
- (iv) referees reports

### 2. Application Procedure

2.1 An application for admission shall be made on the prescribed form (PR/FR Form) which shall involve a two-stage process.

2.2 Stage 1 of the application process must include:

- the completion of the PR Form for admission (if the applicant holds citizenship or permanent residency in Australia or New Zealand);
- the completion of the FR Form for admission (if the applicant is an international candidate);
- a certified copy of the results of the degree relied upon for admission;
- personal data;
- details of relevant research experience. (In the case of a candidate relying upon a Master of Laws by Coursework for admission, this criterion may be satisfied if the student demonstrates that they have completed the unit Advanced Legal Research at a grade of 5 or above at the Queensland University of Technology or some equivalent unit from a comparable institution during the course of their masters studies or can demonstrate other relevant research experience, eg by publication. In the case of a candidate relying upon a Master of Arts (Justice Studies) for admission, the candidate shall demonstrate that she or he has undertaken either a unit in that course or as part of the requirements for the completion of a Bachelor of Justice Studies (Honours) a unit in the area of research methodology at a grade of 5 or above or some equivalent unit from a comparable institution during the course of Masters studies or can demonstrate relevant research experience, eg by publication). Where an applicant cannot satisfy this criteria by way of completion of an advanced research unit or publications as set out above, the applicant will be required to undertake the unit Advanced Legal Research or Advanced Information Retrieval Skills or an equivalent unit from a comparable institution during their candidature; and
- a brief outline (200-300 words) of the project to be undertaken;
- the proposed coursework program to be undertaken;
- details of any relevant professional experience (applicants entering under alternative entry provisions must address the criteria in 1.2 above); and
- any other information the candidate considers relevant in support of the application.

2.3 Where a candidate's qualification for admission is other than a Bachelor or Master of Laws from the Queensland University of Technology, or an equivalent degree, the candidate must undertake research in a field of criminology or other area of Justice Studies approved by the Assistant Dean (Research).

2.4 The application is to be approved by the Faculty Research Committee which will determine whether the applicant meets the criteria for admission or, if deficiencies exist, identify them and how they might be remedied.

2.5 Candidature shall be deemed to have commenced on the date of admission being the date of the approval of the application by the Faculty Research Committee except in the case of international students. International students shall be deemed to have commenced candidature on the date of enrolment.

2.6 Within two months of commencement of the thesis component for full-time students (up to four months for part-time and international candidates) and after consultation with appointed supervisors, the candidate must complete and submit the Stage 2 application form (SJD2) setting out:

- the proposed title of the thesis;
- the objectives of the program of research and investigation;
- an outline of the proposed research;
- the research methods and plan;
- the relationship of the study to previous work in the same field by the candidate and others;
- the coursework to be completed;
- a preliminary literature review;
- a substantial bibliography;
- a timeline for the completion of the research;
- a research ethics review checklist;
- the names of proposed supervisors, their qualifications and experience with relevant publications; and
- an Intellectual Property Agreement (if required).

2.7 The second stage application must be submitted to the Assistant Dean, Research for approval by the Faculty Research Committee.

2.8 If the Stage 2 application is not submitted within the time specified, the Assistant Dean, Research may, on the advice of the Faculty Research Committee and the Principal Supervisor, terminate the candidature. In exceptional cases, upon a written request stating reasons for delay, an extension of up to a further one month for full-time candidates or two months for part-time candidates may be granted to meet the requirements of Stage 2.

2.9 The Faculty Research Committee shall, as part of the approval of the Stage 2 process, confirm:

- the proposed topic of research is consistent with the aims of the School; and
- the Head of School is willing and able to provide appropriate accommodation, facilities and financial resources necessary for the proposed study for the duration of candidature.

2.10 Upon approval by the Faculty Research Committee of the Stage 2 Application the applicant will be admitted to candidature unconditionally (except for those being admitted under alternative entry provisions) and the appointment of the supervisors shall be confirmed. Those candidates admitted under alternative provisions will continue on provisional enrolment until such time as the requirements of this enrolment have been fulfilled (refer to 4).

### 3. Studies during the Candidature

A candidate for the degree of SJD is required to successfully complete a planned research program that should result in a notable contribution to professional knowledge and practice in the field of study. This contribution may be in the form of new knowledge in practice, or of significant and original adaptation, application and interpretation of existing knowledge and practice.

3.1 The degree comprises both a coursework (33%) and a thesis component (66%). Candidates will pursue an approved course of advanced study and research, comprising 96 credit points of coursework selected from within the unit offerings for the LLM by Coursework or the MA(Justice Studies) by Coursework (as appropriate) at the Queensland University of Technology or an equivalent institution at a grade point average of at least 5. The candidate will also pursue a thesis in accordance with Rule 9. One of the units studied for the coursework requirements must be Advanced Legal Research, or Advanced Information Retrieval Skills, or an equivalent unit from a comparable institution, together with any other unit or units deemed necessary by the Law Faculty Research Committee. For the purposes of this rule, completion of a unit in the area of research methodology as part of the MA (Justice Studies) or Bachelor of Justice (Honours) at a

grade point average of 5 will be deemed equivalent to completion of Advanced Legal Research.

3.2 Candidates must successfully complete all coursework requirements at the appropriate standard prior to commencing the thesis. As far as possible, the topic of the thesis should extend the coursework component. Whilst enrolled in the coursework component of the degree all policies and procedures relevant to the Master of Laws by Coursework or the Master of Arts (Justice Studies), as the case may be, form part of these rules.

3.3 The planned research program will normally include

- participation in university scholarly activity such as research seminars, teaching and publication;
- regular interaction with supervisors; and
- a program of supervised research and investigation.

3.4 The course of study must be such to enable a candidate to acquire competence in relevant methods of research and scholarship relating to the subject of the proposed investigation and to demonstrate sustained independent research effort.

3.5 The Faculty of Law Research Committee may on the recommendation of the Assistant Dean (Research) approve a variation in the candidate's course of study and research, an application for variation must be supported in writing by the Principal Supervisor.

### 4. Provisional Enrolment

Applicants with lesser academic qualifications but with exemplary professional experience may be given provisional enrolment on the approval of the Assistant Dean, Research (refer to rule 1.2).

4.1 A candidate so admitted shall be required to complete designated qualifying units at a grade point average of at least 5 on a 7 point scale. The designated qualifying units will include the unit LWN048 or equivalent as stipulated by the Assistant Dean, Research on the advice of the Faculty Research Committee.

4.2 A candidate who completes coursework units at a satisfactory level during the period of provisional enrolment will be permitted to count that coursework towards the degree.

4.3 Unless exceptional circumstances justify extension of provisional status, the stipulated enrolment program must be completed within one calendar year from enrolment in the course.

4.4 If an extension to the provisional enrolment period is required application should be made in writing to the Assistant Dean, Research setting out the exceptional circumstances. In any event, the period of extension of provisional enrolment shall be no more than six months.

### 5. Advanced Standing and Articulation

5.1 Advanced standing up to a maximum of 96 credit points may be granted to candidates who have completed the Master of Laws by Coursework or Master of Arts (Justice Studies) at the Queensland University of Technology, or its equivalent at another institution, at a grade point average of at least 5 on a 7 point scale.

5.2 Where a candidate has undertaken part of a postgraduate degree deemed to be equivalent to the Master of Laws by Coursework or Master of Arts (Justice Studies), that candidate may be granted advanced standing provided that the work for which a candidate seeks credit has been completed at a grade point average of at least 5 on a 7 point scale.

5.3 The Doctor of Juridical Science will fully articulate with the Master of Laws (Research) and Master of Arts (Justice Studies) by Research.

5.4 In exceptional circumstances, a student exiting prior to completion of the program may be eligible to receive the award of Master of Laws by Coursework or Master of Arts (Justice Studies) if this has not previously been awarded. In such cases, as



these courses normally attract up-front tuition fees, students exiting in this way will be liable for any fees which would otherwise have been payable. Payment of any such fees is required to be made before conferral of the degree.

## 6. Period of Time for Completion of Program

6.1 The minimum period of candidature is:

- full-time candidates—eighteen months from date of commencement;
- part-time candidates—thirty-six months from date of commencement.

In exceptional cases the Law Faculty Research Committee may approve submission of the thesis within a shorter period.

6.2 The maximum period of candidature is:

- full-time candidates—forty-eight months from date of commencement;
- part-time candidates—ninety-six months from date of commencement.

6.3 The candidate may change from full-time to part-time candidature or vice versa by making application on a prescribed form to the Faculty Research Committee through the office of the Assistant Dean, Research. International students studying on student visas are unable to alter their mode of study from full-time to part-time unless they are in their final semester of study.

6.4 A candidate who does not expect to submit his/her thesis by the maximum candidature date must apply for an extension of time on the prescribed form (SJD3) through the Assistant Dean, Research for consideration by the Faculty Research Committee. The application must include the reasons for the delay, written endorsement of the request for extension by the Principal Supervisor and a revised timeline for completion. Applications for extensions will not normally be considered by the Faculty Research Committee unless the reasons for the delays have been documented in previous supervisor's reports. Extensions will only be given in exceptional circumstances. Minor breakdown of computer equipment or absence of a Principal Supervisor is not usually considered exceptional.

## 7. Candidate May Take Leave of Absence for a Specified Period from the Program

7.1 Application must be made on the prescribed form (SJD4) through the Assistant Dean, Research and approved by the Faculty Research Committee. The application must include reasons for the leave of absence, the written endorsement of the Principal Supervisor and the exact start and finish dates of the period of leave. If the leave is approved, the duration of the specified time will be added to the maximum and minimum submission dates of the candidature. International students studying on student visas are not normally permitted to take leave of absence unless there are exceptional circumstances, eg bereavement. International students should consult the Assistant Dean, Research and Office of International Students if a period of leave is required.

7.2 The maximum period of leave of absence for which a candidate may be given approval (for any reasons) is twelve months for a full-time candidate and twenty-four months for a part-time candidate

## 8. Supervision

8.1 Supervision shall be conducted according to the QUT Code of Good Practice for Postgraduate Research Studies and Supervision (MOPP Appendix 66).

8.2 A Principal Supervisor from QUT and one Associate Supervisor shall be appointed.

8.3 The Principal Supervisor has responsibility for supervising a candidate on a frequent basis and must be a current member of the QUT staff or an emeritus professor of QUT still active in research. The Principal Supervisor shall normally have undertaken successful supervision of research degree candidates,

and shall have an established research record in the area of the proposed project.

8.4 The Associate Supervisor may be a member of the QUT staff but must possess appropriate expertise in the research field and would normally be a person who has undertaken successful supervision of research degree candidates.

8.5 Where the Principal Supervisor is absent from QUT for a period of three consecutive months or longer during the period of candidature, the Associate Supervisor (if that person is a QUT staff member) will normally become the Acting Principal Supervisor for this period.

8.6 If the Principal Supervisor leaves the staff of QUT, the QUT Associate Supervisor will normally fill the role of Acting Principal Supervisor immediately until a new Principal Supervisor is appointed by the Faculty Research Committee in consultation with the candidate. A formal appointment of a new Principal Supervisor must be made within three months of the original Principal Supervisor's departure.

## 9. Confirmation of Candidature

9.1 Within six months of commencement of the thesis component for full-time candidates and twelve months for part-time candidates, the candidate shall present (in consultation with his/her supervisors) a plan of the research program for the remainder of the candidature and report of the work done to that tie. The confirmation report form (SJD5) shall incorporate a substantial literature review and shall provide evidence of the research capacity of the candidate including the rate of progress to date. The plan shall include details of:

- the area of study in which the candidate's course is located;
- the nature of participation in scholarly activities in the Centre in which the degree is being undertaken;
- the objectives of the program of research and its relationship to published research in the same field;
- research methods followed and to be followed;
- the title of the thesis; and
- a timeline for completion of the research program.

9.2 The candidate shall present the confirmation report and details of the research program at a Confirmation Seminar open to the public.

9.3 A candidate who is not able to complete a Confirmation of Candidature within the timeframe required must apply for an extension at least one month in advance of that deadline through the Assistant Dean, Research to the Faculty Research Committee. A maximum of three months extension may be granted.

9.4 A Review Panel shall review the candidate's progress and planned research program and shall make recommendations on Form SJD5 to the Faculty Research Committee. These recommendations shall include:

- an appraisal of the candidate's progress and suitability for continuation of the program;
- documents prepared by the candidate;
- a statement that the research program is of a standard required for an SJD;
- a statement of whether the studies continue to be within the aims and objectives and physical and human resources of the Centre; and
- a report on the candidate's seminar.

9.5 The Faculty Research Committee will, if satisfied:

- confirm the candidature and notify the candidate; or
- may require changes to the planned research program; or
- if the recommendation is not to confirm the candidature immediately, place the candidate under review for three months. At the end of the review period the Assistant Dean, Research must advise the Faculty Research Committee whether the conditions of review have been met.

9.6 Where a candidate is placed under review following the Confirmation Seminar, the Principal Supervisor must advise the candidate in writing within seven days of the conditions to be met, in the form of clear written guidelines of the work required and due dates for submission and whether a further Confirmation Seminar is required. The conditions must be endorsed by the candidate, the supervisor (supervisors), Director of the Centre and Assistant Dean, Research.

9.7 Where a candidate's progress remains unsatisfactory after the review period, the Faculty Research Committee, on advice from the Assistant Dean, Research shall either grant a further extension of the period of up to three months or may ask the candidate to show cause in writing why action should not be taken to terminate the candidature.

## 10. Reporting Procedures

10.1 The Principal Supervisor and candidate are required to report annually by 30 September on the prescribed form on the candidate's progress and future plans. Reports shall be signed both by the candidate and by the Principal Supervisor and submitted through the Law Faculty Research Committee to the Office of Research for consideration by the Research Degrees Committee. at its discretion, the Faculty Research Committee may request an additional six monthly report if it has concerns for the candidate's progress or feels that the candidate would benefit from such process.

10.2 Where a candidate's progress is deemed satisfactory, the Research Degrees Committee shall approve the continuation of the candidature.

10.3 Where the progress is deemed unsatisfactory, in the Confirmation of Candidature, six monthly report or other interim faculty report, the Research Degrees Committee, on advice from the Faculty Research Committee will normally place a candidate under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The candidate will be advised of the required remedial action to be followed taking account of the advice provided by the Principal Supervisor and the Faculty Research Committee.

10.4 A report on the action taken to resolve the deficiencies in the program must be made to the Faculty Research Committee and the Research Degrees Committee may then approve continuation of candidature if these deficiencies have been redressed and progress is again satisfactory.

10.5 If progress is still unsatisfactory after the review period, the Research Degrees Committee, on the advice of the Faculty Research Committee shall ask the candidate to show cause in writing why the enrolment shall not be terminated.

10.6 When a candidate's progress has been reported as unsatisfactory in any two consecutive reports during candidature, the Research Degrees Committee shall ask the candidate to show cause in writing why the enrolment of the candidate shall not be terminated.

10.7 If a candidate fails to submit an annual report through their Principal Supervisor to Research Degrees Committee by the due date without applying, in writing, for an extension on the prescribed form two weeks prior to the due date, the Research Degrees Committee may ask the candidate to show cause why the enrolment of the candidate should not be terminated.

10.8 If the candidate does not show cause why the enrolment shall not be terminated, the Research Degrees Committee may terminate the candidate's enrolment

## 11. Thesis Guidelines

11.1 The thesis must be presented in accordance with the requirements of the University, including any accompanying declarations and in accordance with Appendix 51 of the Manual of Policies and Procedures \_ Requirements for Presenting Theses

(MOPP 51). The main body of the text should be between 50,000 and 60,000 words.

11.2 The thesis must be presented in the English language.

11.3 A candidate may submit with the thesis other kinds of relevant material (such as films, audio tape recordings, video tape recordings, CD-ROMS, software programs etc) which shall be accompanied by evidence of the extent to which the candidate has been responsible for their preparation.

11.4 An SJD degree may not be awarded on the basis of the submission of published papers.

11.5 A candidate's name will not be placed on the graduation list until the final copies of the thesis (one bound and one electronic) are received in the Research Students' Centre, Office of Research. These copies shall be in the prescribed form as set out in the University Requirements for Presenting Theses and be provided at the candidate's expense. An additional copy shall be bound at the Faculty's expense for inclusion in the Faculty Office collection. Any corrections resulting from the examiners' assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

11.6 When these final copies of the thesis have been lodged with the Research Students' Centre, Office of Research, the names of examiners will be released to the candidate upon request, providing that the examiner has not indicated otherwise.

## 12. Examination of Thesis

12.1 At least three months prior to the maximum candidature date or anticipated completion date, the Principal Supervisor having obtained the agreement of the Faculty Committee, shall recommend to the Faculty Research Committee the composition of the proposed Examination Committee and the title of the candidate's thesis.

12.2 The Examination Committee shall comprise two external examiners who will examine the thesis plus an external examiner to be called upon only if the first two examiners are in disagreement.

12.3 In exceptional circumstances, the University Research Degrees Committee may act directly to facilitate the examination process of a thesis including the appointment of examiners.

12.4 A candidate's Principal or Associate Supervisor may not be nominated by the Faculty as an examiner.

12.5 Examiners must have demonstrable and substantial publications and research experience in the area under investigation and one examiner would normally have a research degree. At least one of the nominated examiners should be an academic from a recognised university or equivalent research institution. At least one examiner would normally be a specialist practitioner recognised as an expert in the particular field of the research constituting the thesis. Preferably, at least one examiner should also have substantial experience of examining research degree candidates at doctoral level.

12.6 Agreement will be sought from examiners to examine the thesis within eight weeks of receipt.

12.7 If more than six months has elapsed between the nomination of examiners and the submission of the thesis, the faculty must notify the Research Degrees Committee that the nominated examiners are still willing and able to examine the thesis within two months of its receipt. If any previously nominated examiner is unable to examine the thesis, a replacement examiner must be nominated by the Principal Supervisor (with the agreement of the Faculty) for approval by the Research Degrees Committee.

12.8 In order to determine whether the thesis is acceptable for examination by the Examination Committee, the candidate shall be required to present a Final Seminar based on the work described in the thesis to the Faculty to which he/she is attached.

- The final seminar shall normally take place no more than six months prior to the anticipated submission date.

- The Faculty shall constitute a panel of three including the Principal Supervisor to attend the seminar and to report on the readiness of the thesis for external examination. The panel shall be chaired by the Principal Supervisor, and shall question the candidate on the content of the thesis at the conclusion of the seminar. Each member of the panel must receive a copy of the draft thesis 14 days prior to the final seminar.
- The panel may require changes to the thesis or ask that further work be done prior to submission of the thesis. The thesis is accepted by the University for external examination only when the panel signifies its belief that the degree requirements have been met. The Faculty panel shall use the prescribed form when advising Research Degrees Committee that the thesis is ready for external examination.
- The final seminar shall be open to the public and shall be widely advertised by the Faculty so as to ensure attendance by researchers and research students within the Faculty.
- In all other matters the form and timing of the final seminar is determined by the Faculty.

12.9 The thesis must be accompanied by a certificate form (SJD7) endorsed by the Principal Supervisor, Assistant Dean, Research and the Faculty panel, stating that all reasonable efforts have been made by the Faculty to ensure that:

- the thesis makes notable contribution to professional knowledge and practice;
- the methodology applied in the candidate's research is effective and appropriate for the thesis topic;
- the thesis reflects competence in the survey of literature and documentation of statements;
- the thesis is of the required standard for external examination;
- the thesis is within the prescribed word limit;
- the candidate has presented a Final Seminar;
- that acknowledgment is given regarding the inclusion of all published and other sources of information together with any substantial financial assistance received for the project.

12.10 In exceptional circumstances the Research Degrees Committee may allow a candidate to submit his or her thesis for external examination without the requirement for certification. The candidate must apply in writing to the Research Degrees Committee for such permission, outlining reasons why the certification is not included.

12.11 Three copies of the thesis in the prescribed format must be submitted to the Research Students' Centre, Office of Research, no later than the maximum candidature date.

12.12 The Office of Research, on the advice of the Research Degrees Committee, shall provide the examiners with a copy of the thesis and of the Regulations for the Award of the Degree of the Doctor of Juridical Science and any other relevant information.

12.13 Each examiner will be asked to provide a written report to the Office of Research on the candidate's thesis and to recommend on the following courses of action:

Recommendation 1: The candidate should be awarded the degree without the requirement for revision, further examination or modification (minor corrections and typographical errors only); or

Recommendation 2: The candidate should be awarded the degree subject to minor nominated revisions being completed to the satisfaction of the Assistant Dean, Research and Principal Supervisor; or

Recommendation 3: The candidate should be awarded the degree following the completion of major nominated revisions to the satisfaction of the Assistant Dean, Research and Principal Supervisor; or

Recommendation 4: The candidate should be permitted to substantially revise and submit the thesis for re-examination within twelve months after a specified amount of further work,

which may alter the substantive conclusions of the thesis, has been completed under approved supervision and the thesis appropriately amended to reflect the additional research; or

Recommendation 5: The thesis should be rejected, the degree should not be awarded and the candidate should not be permitted to submit the thesis for re-examination for the degree.

12.14 After both examiners' reports are received the Office of Research will forward them to the Assistant Dean, Research, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

### 13. Examiners in Agreement

13.1 Where both examiners recommend that the candidate should be awarded the degree (recommendation 1, 2 or 3), the Assistant Dean, Research will consult with the Principal Supervisor and Centre Director to discuss any corrections or revisions that the candidate may be required to make and where revisions are required.

13.2 Where corrections or revisions are to be made to the satisfaction of the Assistant Dean, Research or nominee, the Head of School or nominee must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the SJD degree.

13.3 Where both examiners recommend that the thesis be revised and resubmitted for examination (Examiners Report Recommendation 4), after consultation with the Principal Supervisor and the Centre Director, the Assistant Dean, Research will make written recommendation to the Research Degrees Committee within seven days of the receipt of the Examiners Reports listing any revisions required. Once these are approved by the Research Degrees Committee, the Research Degrees Committee will inform the candidate of the revisions and/or any action required.

### 14. Examiners Not in Agreement

14.1 Where the recommendations of the external examiners are not in agreement as to whether the thesis should be accepted for the award of SJD or as to whether the thesis may be revised and resubmitted, the thesis will be sent to the third nominated examiner.

14.2 Upon receipt of the third examiner's report, a majority decision shall be adopted.

14.3 Where the majority decision is that the thesis be accepted or that the thesis be rejected, this shall be the decisions of the examiners as the case may be.

14.4 Where the majority decision is that the candidate be required to submit for re-examination or the thesis fail, the procedures in Section 11.3 shall apply.

14.5 Where the recommendation of three examiners clearly differ and no clear majority exists, the Assistant Dean, Research or nominee shall liaise with the Principal Supervisor to determine the further course of action.

### 15. Re-Examination

15.1 A candidate who is required to submit for re-examination may be re-examined only once except in the case of an upheld appeal.

15.2 Re-examination shall take place within twelve months from the date on which the candidate is advised in writing by the Assistant Dean, Research or nominee of such re-examination. The Research Degrees Committee may, on written application by the candidate and supported by the Principal Supervisor and Centre Director with suitable justification, approve an extension to this period which, under normal circumstances, may be a maximum of a further twelve months.

15.3 A candidate who is required to submit his/her thesis for re-examination must re-enrol in the SJD program.

15.4 The thesis shall be re-examined by the same two examiners unless:

- any of the examiners is unable to re-examine the thesis in which case the Assistant Dean, Research or nominee with the agreement of the Principal Supervisor and the Faculty shall nominate a replacement examiner(s) who must be approved by the Research Degrees Committee; or
- the Research Degrees Committee replaces one or more of the examiners on advice from the RDC Chair and with suitable justification.

15.5 Examiners re-examining a thesis will be asked to provide a written report on the candidate's thesis and to recommend one of the following courses of action:

- (a) the candidate should be awarded the degree with or without minor nominated revisions; or
- (b) the candidate should be awarded the degree a masters level with or without minor nominated revisions; or
- (c) the thesis should be rejected and the degree should not be awarded.

15.6 Regulations applicable to SJD examination shall apply to the re-examination.

## 16. Appeals

16.1 A candidate whose thesis has failed may lodge an appeal against the outcome of the examination process.

16.2 The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

16.3 An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based.

16.4 Appeals must be submitted in writing to the Office of the Pro-Vice-Chancellor (Research and Advancement). The Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to his/her consideration of the appeal.

16.5 In cases where a conflict of interest exists, the Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision, to consider the appeal.

16.6 The Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the Faculty, school or centre/research concentration as appropriate.

16.7 The appeal may be allowed or dismissed. If an appeal is allowed, the Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that that thesis be re-examined. This re-examination shall be carried out in accordance with the Section 6.143 taking account of the issues raised in the successful appeal.

16.8 The Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

## Full-time Course Structure

### Year 1, Semesters 1 & 2

Coursework units selected from the list of available units in the Master of Laws (by Coursework) or Master of Justice (by Coursework) to the value of 48 credit points per semester.

### Year 2, Semesters 1 & 2

LWR003-1 Thesis  
LWR003-2 Thesis  
LWR003-3 Thesis  
LWR003-4 Thesis

### Year 3, Semesters 1 & 2

LWR003-5 Thesis  
LWR003-6 Thesis  
LWR003-7 Thesis  
LWR003-8 Thesis

## Part-time Course Structure

### Year 1, Semesters 1 & 2

Coursework units selected from the list of available units in the Master of Laws (by Coursework) or Master of Justice (by Coursework) to the value of 24 credit points per semester.

### Year 2, Semesters 1 & 2

Coursework units selected from the list of available units in the Master of Laws (by Coursework) or Master of Justice (by Coursework) to the value of 24 credit points per semester

### Year 3, Semesters 1 & 2

LWR003-1 Thesis  
LWR003-2 Thesis

### Year 4, Semesters 1 & 2

LWR003-3 Thesis  
LWR003-4 Thesis

### Year 5, Semesters 1 & 2

LWR003-5 Thesis  
LWR003-6 Thesis

### Year 6, Semesters 1 & 2

LWR003-7 Thesis  
LWR003-8 Thesis

## ■ Master of Justice (Research) (JS52)

**Award title:** Master of Justice (Research)

**CRICOS code:** 020310J

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Course coordinator:** Dr Belinda Carpenter

## 1. Award

1.1 The following rules apply to the degree of Master Justice to be obtained by research and thesis awarded by the Queensland University of Technology, and are made with the authority of the Academic Board of this University.

1.2 For the purposes of these Rules the Course Coordinator acts as the delegate of the Dean, Faculty of Law, and the Faculty of Law Research Committee acts as the delegate of the Law Academic Board.

## 2. Entry Requirements

The following persons shall be eligible to apply for admission as a student for the degree:

2.1 A person who has completed the requirements for the degree of Bachelor of Justice (Honours) of QUT, or

2.2 A person who has completed the requirements for the Graduate Certificate from the School of Justice Studies of QUT, or

2.3 A qualification that is deemed equivalent and possesses appropriate research skills or substantial professional experience in the proposed field of research as deemed appropriate by the Course Coordinator, or

2.4 Professional publications, etc that the Course Coordinator and the Faculty Research Committee accept as proof of a students advanced knowledge and research ability in the proposed field of research.

## 3. Admissions and Enrolment

3.1 An application for admission shall be made on the prescribed form:

- (i) The Postgraduate Research application form (PR Form) (if the applicant holds citizenship or permanent residency in Australia or New Zealand); or
- (ii) The Foreign Research application form (FR Form) (if the applicant is an international candidate).

3.2 Admission of a person as a candidate for the degree shall be at the discretion of the Course Coordinator on the recommendation of the Law Faculty Research Committee.

3.3 A person applying for admission as a candidate for the degree shall apply in accordance with the requirements of the Registrar and shall pay all prescribed fees.

3.4 A person admitted as a candidate may enrol as either a full-time student or a part-time student. International students studying in Australia on student visas may only enrol in full-time programs.

#### 4. Progress Reports

4.1 The Principal Supervisor and candidate are required to report on a six monthly basis (by 30 April and 30 September) on the prescribed form on the candidate's progress and research plans. Reports shall be signed by both the candidate and by the Principal Supervisor and submitted through the Law Faculty Research Committee to the Office of Research for consideration by the Research Degrees Committee.

4.2 Where the candidate's progress is deemed satisfactory, the Research Degrees Committee shall approve continuation of candidature.

4.3 Where progress is deemed unsatisfactory, the Research Degrees Committee, on advice from the Faculty Research Committee, will normally place the candidature under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The Research Degrees Committee will inform the candidate of the required remedial action to be followed taking account of the advice provided by the Principal Supervisor and the Faculty.

4.4 A report on the action taken to resolve the deficiencies in the program must be made to the Faculty Research Committee and the Research Degrees Committee may then approve continuation of candidature if these deficiencies have been redressed and progress is again satisfactory.

4.5 If progress is still unsatisfactory after the Review Period, the Research Degrees Committee, on advice from the Faculty Research Committee, shall ask the candidate to show cause why the enrolment of the candidate should not be terminated.

4.6 If a candidate fails to submit an annual report through their Principal Supervisor to Research Degrees Committee by the due date without applying, in writing, for an extension on the prescribed form two weeks prior to the due date, the Research Degrees Committee may ask the candidate to show cause why the enrolment of the candidate should not be terminated.

4.7 Upon failure of the candidate to show cause the candidate's enrolment will be terminated.

#### 5. Thesis Requirements

5.1 Students undertake applied research on an approved topic, which involves both an appropriate theoretical perspective and a specific orientation to professional practice and application. The thesis submitted for the degree shall be not less than 50,000 words and should constitute a substantial contribution to knowledge and understanding in criminal justice (eg criminology, law enforcement, strategic intelligence). It shall include a title page, table of contents and bibliography, and shall otherwise comply with the University's requirements for presenting theses.

5.2 The candidate shall submit a detailed research outline to the Course Coordinator within two months of admission to candidature. The research outline should include the following:

- the proposed title of the thesis;
- the objectives of the program of research and investigation;
- an outline of the proposed research;
- the Research methods and plan;
- the relation of the study to previous work in the same field by the candidate and others;
- a preliminary literature review;

- a substantial bibliography;
- a timeline for the completion of the research
- a copy of the Research Ethics Review Checklist
- the proposed supervisor(s) and their credentials
- an intellectual property agreement if required
- memo of Understanding for any external supervisor.

5.3 The Law Faculty Research Committee may, upon the recommendation of the Course Coordinator vary the title of the thesis topic.

5.4 A candidate enrolled for the degree shall, at least once per semester during the period of candidature, consult with the Principal Supervisor and, where appropriate, any Associate Supervisor appointed by the Law Faculty Research Committee on the advice of the Course Coordinator.

5.5 A candidate shall submit three copies of the thesis in the form prescribed by the University for the submission of theses to the Course Coordinator not later than the end of November or May, as the case may be, in the year in which the candidate is required to complete the degree. On submission of the thesis, the candidate shall furnish a written statement to the effect that the thesis is that candidate's work alone, except where due acknowledgment is made in the text, and does not include material which has been previously submitted or accepted for a degree or diploma.

5.6 The Principal Supervisor shall recommend to the Faculty Research Committee the names of two examiners for the thesis, at least one of whom must be external to the University and neither of whom are the candidate's supervisor.

5.7 The Law Faculty Research Committee, through the Office of Research, shall refer the thesis to two examiners. Each examiner shall report, normally within two months of receipt of the thesis, whether in the examiner's opinion, the thesis is of the standard required for the award of the degree. Each examiner shall also recommend that the thesis:

- (i) be accepted
- (ii) not be accepted, or
- (iii) be accepted subject to amendments to be made to the satisfaction of the Principal Supervisor.

5.8 After both examiners' reports are received the Office of Research will forward them to the Course Coordinator, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

#### Examiners in Agreement

Where both examiners recommend that the thesis be accepted (recommendations (i) or (iii)), the Course Coordinator will consult with the Principal Supervisor to discuss any corrections or revisions that the candidate may be required to make and where revisions are required.

Where corrections or revisions are to be made to the satisfaction of the Principal Supervisor, the Principal Supervisor must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the MJust (Research) degree.

#### Examiners not in Agreement

Where the recommendations of the examiners are not in agreement as to whether the thesis should be accepted for the award of MJust (Research) or as to whether the thesis may be revised, the Law Faculty Research Committee will refer the thesis to a third examiner.

Upon receipt of the third examiner's report, a majority decision shall be adopted. Where the majority decision is that the thesis be accepted or that the thesis be rejected, this shall be the decision of the examiners as the case may be. Where the recommendation of three examiners clearly differ and no clear majority exists, the

Course Coordinator or nominee shall liaise with the Principal Supervisor to determine the further course of action.

### Appeals

A candidate whose thesis has failed may lodge an appeal against the outcome of the examination process. The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based. Appeals must be submitted in writing to the Office of the Pro-Vice-Chancellor (Research and Advancement). The University Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to his/her consideration of the appeal. In cases where a conflict of interest exists, the University Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision to consider the appeal.

The University Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the Faculty or school as appropriate. The appeal may be allowed or dismissed. If an appeal is allowed, the University Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that the thesis be re-examined.

The University Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

5.9 Following final acceptance of the thesis one bound copy and one electronic copy of the thesis must be submitted to the Office of Research for inclusion in the QUT Faculty of Law Library. These copies shall be in the prescribed form as set out in the University Requirements for Presenting Theses and be provided at the candidate's expense. An additional copy shall be bound at the Faculty's expense for inclusion in the Faculty Office collection. Any corrections resulting from the examiners' assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

### 6. Credit for Research Work Done Elsewhere

6.1 The Course Coordinator may grant credit toward the Master of Justice degree by Research for work done at another institution of similar standing. Such credit shall not be granted unless the candidate provides to the Course Coordinator:

- (i) evidence that the candidate has cancelled or terminated enrolment at the other institution, and
- (ii) a written undertaking that the candidate will not seek credit in any form or manner for work done at the other institution or any other institutions except to complete the degree at QUT.

### 7. Time for Completion Requirements

7.1 Except in special circumstances and with the approval of the Course Coordinator:

- (i) a full-time candidate shall complete all the requirements for the degree not earlier than the end of the second semester and not later than the end of the sixth semester of candidature;
- (ii) a part-time candidate shall complete all the requirements for the degree not earlier than the end of the fourth semester and not later than the end of the eighth semester of the candidature.

International students studying on student visas must be enrolled on a full-time basis.

7.2 The Course Coordinator may, upon the application of the candidate, extend any time limited by the rules by such further period as may be consistent with general University rules.

Extensions of time for international students will only be made in exceptional circumstances. International students should consult the Course Coordinator and the Office of International Students if an extension of time is required.

### 8. Award of Degree

8.1 A candidate who has fulfilled the requirements of these rules and who has otherwise complied with the provisions of all statutes and other rules applicable may be admitted to the degree of Master of Justice (Research) by the University Academic Board on the recommendation of the Law Academic Board and the University Research Degrees Committee.

### Course Structure

#### Full-time Students

IFN100 Full-Time Masters Research

#### Full-time Students extension

IFN101 Full-Time Masters Research (Extension)

#### Part-time Students

IFN200 Part-Time Masters Research

#### Part-time Students extension

IFN201 Part-Time Masters Research (Extension)

## ■ Master of Justice by Coursework (JS51)

**Award title:** Master of Justice (Study Area A)

**CRICOS code:** 020311G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Course duration (external):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Belinda Carpenter - Master of Justice, Dr Ian Wells - (Strategic Intelligence Study Area)

### Entry Requirements

A Bachelor of Justice degree (or an equivalent qualification) plus at least 2 years relevant professional experience, OR an appropriate Graduate Diploma or Graduate Certificate with a GPA of 5.00 or better, OR approved equivalent professional experience or an approved four-year undergraduate degree in an appropriate field.

Students who have successfully completed a Graduate Certificate program in Justice Studies, and who have a GPA of 5.0 or better may articulate into the Master of Justice and receive 48 credit points of credit.

### Course Requirements

The basic course structure appears in the table. Students must complete eight units of equal weighting totalling 96 credit points. The eight units can comprise:

- (a) four units from one major study area, AND
- (b) four units chosen from across the Masters program including either Theories of Justice 1 or Intelligence, Justice and Accountability (for Strategic Intelligence students), OR
- (c) eight units chosen from across the Masters program including either Theories of Justice 1 or Intelligence, Justice and Accountability, OR
- (d) six units chosen from across the Graduate Certificate and Masters program including either Theories of Justice 1 or Intelligence, Justice and Accountability and no more than four units taken from the Graduate Certificate program and the two Independent Studies units collapsed into one Research Project of 24 CP.

### Full-time Course Structure

#### Year 1, Semester 1

JSN001 Theories of Justice OR

JSN016 Intelligence, Justice and Accountability

Plus Select one elective unit from list below and

2 units from major study area (listed further below)

#### **Electives, Semester 1**

- JSN006 Independent Study 1  
JSN018 Advanced Crime Research Methods

#### **Year 1, Semester 2**

Choose 2 units from elective list below  
and 2 units from major study area (listed further below)

#### **Electives, Semester 1**

- JSN019 Contemporary Issues in Sentencing Law

#### **Electives, Semester 2**

- JSN023 Justice, Law and Democracy  
JSN007 Independent Study 2  
JSN017 Intelligence and Decision Making

#### **Electives, Summer Program**

- JSN014 Law, Justice and New Genetic Technologies

### **Part-time/External Course Structure**

#### **Year 1, Semester 1**

- JSN001 Theories of Justice OR  
JSN016 Intelligence, Justice and Accountability  
Plus Select one elective

#### **Year 1, Semester 2**

Select 2 electives

#### **Year 2, Semester 1**

Select 2 units from major study area

#### **Year 2, Semester 2**

Select 2 units from major study area

#### **Major Study Areas**

##### **Strategic Intelligence**

- JSN161 Fundamentals of Intelligence  
JSN162 Managing Intelligence  
JSN163 Intelligence Research Issues & Methodology  
JSN164 Intelligence and National Security

##### **Critical Criminology**

- JSN131 Juvenile Justice  
JSN132 Foundations in Criminology  
JSN133 Crime Prevention  
JSN134 Crime Control and Governance

##### **Justice Policy**

- JSN151 Policy, Governance and Justice  
JSN152 Administrative Justice  
JSN153 Watchdogs: Warriors, Wimps and Witch-hunts  
JSN154 Human Rights and Global Justice

##### **Organised Crime and Corruption Investigation**

- JSN141 Organised Crime and Corruption  
JSN142 Forensic Investigation Methods and Strategies  
JSN143 Proceeds of Crime and Money Laundering  
JSN144 Evidence in Organised Crime Investigations

## **■ Master of Laws (LW51)**

**Award title:** Master of Laws (Study Area A)

**CRICOS code:** 006380A

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Director, Graduate Programs

### **Entry Requirements**

Prospective students must have:

- (i) completed the requirements for the degree of Bachelor of Laws of QUT OR
- (ii) have completed the requirements for the award of a degree in law at another tertiary institution which, in the opinion of the Director, Graduate Studies, maintains standards comparable with those required for the award of the degree of Bachelor of Laws at QUT OR
- (iii) hold a professional qualification in law and have at least three years of professional legal experience subsequent to first admission to practice and also satisfy the Director, Graduate Studies, that they have the requisite ability to complete the LL.M by Coursework degree.

In exceptional circumstances, an applicant who does not otherwise satisfy the normal entry requirements will be eligible for entry into the Master of Laws by Coursework degree in a specialist stream if they:

- (i) have completed a Graduate Certificate in Law AND
- (ii) have significant professional experience in the field of the Graduate Certificate in Law already completed; AND
- (iii) have achieved a grade point average of 5.5 in the units already completed for the Graduate Certificate in Law and whose course is approved by the Director, Graduate Studies.

### **Course Structure**

The course structure comprises 96 credit points of coursework units for a Pass degree.

The units from which 96 credit points shall be chosen are subject to availability.

Students may nominate a major by choosing units within a specialist stream. To be eligible to graduate with a major, students must choose units to the value of 96 credit points from a specialist stream. Alternatively, students may complete a generic degree by choosing units from any specialist stream.

Majors:

Commercial Law, Environmental Resources Law, Public Law, Technology Law, General Selection

### **Articulation**

This course articulates with the Doctor of Juridical Science (SJD).

### **Advanced Standing**

Graduates of QUT's Graduate Diploma in Legal Practice (LP41), who graduated from the first course in 2000 or from subsequent courses, may be deemed to have passed the equivalent of 48 credit points of units in LW51 and may be granted unspecified credit for such units.

Graduates from QUT's Graduate Diploma in Legal Practice prior to 2000 or from another Australian university or the Leo Cussens Institute or the College of Law are eligible for up to 24 credit points of unspecified credit.

### **Course Structure**

#### **Commercial Law**

- LWN022 Banking and Finance Law  
LWN025 Research Project 1A  
LWN030 Dispute Resolution/mediation  
LWN043 Law of Company Takeovers  
LWN048 Advanced Legal Research  
LWN050 Restrictive Trade Practices Law  
LWN051 Consumer Protection and Product Liability  
LWN065 Construction and Engineering Law  
LWN075 International Commercial Transactions  
LWN076 International Commercial Disputes  
LWN083 Estate Planning  
LWN093 Borrowers and Secured Lenders - Select Issues  
LWN097 Corporate Insolvency  
LWN111 Public Law and Government Commercial Activity  
LWN113 Law of Guarantees  
LWN117 Legal Regulation of the Internet  
LWN122 Commercial Leases  
LWN125 Electronic Commerce Law  
LWN126 The Law of Costs  
LWN127 Advanced Insurance Law 1  
LWN128 Advanced Insurance Law 2  
LWN139 Privacy Law  
LWN145 Corporate and Investment Regulation  
LWN147 Patent Law and Commercialisation  
LWN151 Select Issues in Property Law

#### **Environmental Resources Law**

- LWN025 Research Project 1A  
LWN030 Dispute Resolution/mediation  
LWN046 Advanced Planning Law  
LWN048 Advanced Legal Research  
LWN049 International Environmental Law

LWN060	Environmental Legal System
LWN061	Natural Resources Law
LWN062	Federal Environmental Law
LWN063	Comparative Environmental Law
LWN094	Energy Law
LWN095	Native Title Law and Policy
LWN131	Queensland State Lands: Law and Practice
LWN138	Comparative Cultural Heritage Law
LWN157	Comparative Native Title Law and Policy

**Public Law**

LWN025	Research Project 1A
LWN030	Dispute Resolution/mediation
LWN040	Theories of Justice
LWN042	Theories Of Justice 2
LWN048	Advanced Legal Research
LWN052	Civil Procedure - Theory And Practice
LWN087	Contemporary Issues in Torts
LWN095	Native Title Law and Policy
LWN111	Public Law and Government Commercial Activity
LWN115	Human Rights In Australian Law
LWN119	Employment Law
LWN129	Contemporary Issues in Sentencing Law
LWN132	Public Sector Employment Law and Policy
LWN134	Representative Actions
LWN135	Law, Justice and New Genetic Technologies
LWN142	East Asian Legal Systems
LWN144	Contemporary Issues in Child Law
LWN148	Evidence in Organised Crime Investigations
LWN150	Death, Decisions and the Law
LWN152	Law of the European Union
LWN155	Biotechnology Law
LWN156	Justice, Law and Democracy
LWN157	Comparative Native Title Law and Policy

**Technology Law**

LWN025	Research Project 1A
LWN030	Dispute Resolution/mediation
LWN036	Select Issues in Intellectual Property Law
LWN048	Advanced Legal Research
LWN099	Intellectual Property Law
LWN117	Legal Regulation of the Internet
LWN120	Select Issues in Media Law and Policy
LWN125	Electronic Commerce Law
LWN135	Law, Justice and New Genetic Technologies
LWN139	Privacy Law
LWN146	International and Comparative Intellectual Property Law (Asia Pacific)

LWN147	Patent Law and Commercialisation
LWN153	Select Issues in Art, Culture and the Law
LWN154	Trade Mark Law
LWN155	Biotechnology Law

**2005 Schedule of Units: Please refer to**

<http://www.law.qut.edu.au/courses/pgrad/units.jsp>

LWN030	Dispute Resolution/mediation
LWN040	Theories of Justice
LWN042	Theories Of Justice 2
LWN046	Advanced Planning Law
LWN048	Advanced Legal Research
LWN050	Restrictive Trade Practices Law
LWN051	Consumer Protection and Product Liability
LWN063	Comparative Environmental Law
LWN065	Construction and Engineering Law
LWN076	International Commercial Disputes
LWN083	Estate Planning
LWN087	Contemporary Issues in Torts
LWN093	Borrowers and Secured Lenders - Select Issues
LWN094	Energy Law
LWN097	Corporate Insolvency
LWN111	Public Law and Government Commercial Activity
LWN117	Legal Regulation of the Internet
LWN119	Employment Law
LWN120	Select Issues in Media Law and Policy
LWN122	Commercial Leases
LWN131	Queensland State Lands: Law and Practice
LWN139	Privacy Law
LWN144	Contemporary Issues in Child Law
LWN145	Corporate and Investment Regulation
LWN147	Patent Law and Commercialisation
LWN148	Evidence in Organised Crime Investigations
LWN150	Death, Decisions and the Law

LWN151	Select Issues in Property Law
LWN153	Select Issues in Art, Culture and the Law
LWN154	Trade Mark Law
LWN155	Biotechnology Law
LWN156	Justice, Law and Democracy
LWN157	Comparative Native Title Law and Policy

**■ Master of Laws (Research) (LW52)**

**Award title:** Master of Laws (Research and Thesis)

**CRICOS code:** 012654G

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Assistant Dean (Research)

**1. Award**

1.1 The following rules apply to the degree of Master of Laws to be obtained by research awarded by the Queensland University of Technology, and are made with the authority of the Academic Board of this University.

1.2 For the purposes of these Rules the Assistant Dean, Research acts as the delegate of the Dean, Faculty of Law and the Faculty of Law Research Committee acts as the delegate of the Law Academic Board.

**2. Entry Requirements**

The following persons shall be eligible to apply for admission as a student for the degree:

2.1 A person who has completed the requirements for the degree of Bachelor of Laws of QUT with at least Second Class Honours Division A, or its equivalent from another institution which, in the opinion of the Assistant Dean, Research, maintains standards comparable with those required for the award of the degree of Bachelor of Laws of QUT, or

2.1.1 A person who has completed the requirements for the degree of Bachelor of Laws of QUT at a standard of Second Class Honours Division B or a lesser standard, or its equivalent from another institution which, in the opinion of the Assistant Dean, Research maintains standards comparable with those required for the award of the degree of Bachelor of Laws of QUT, or

2.1.2 A person admitted or entitled to be admitted to practice in the State of Queensland.

2.2 Candidates falling within sub-clauses 2.1.1 and 2.1.2 must also satisfy the following to be eligible for admission:

2.2.1 Three years' professional experience in the field in which the proposed research work is to be undertaken, or

2.2.2 Satisfactory completion of an appropriate Masters qualifying program stipulated by the Assistant Dean, Research on the recommendation of the Law Faculty Research Committee. Pending satisfactory completion of a qualifying program, provisional status may be granted to the candidate, or

2.2.3 The submission of professional publications or other appropriate evidence which satisfies the Assistant Dean, Research on the recommendation of the Law Faculty Research Committee that advanced knowledge and research ability has been acquired in the field of law in which the proposed research work is to be undertaken, and

2.2.4 The Assistant Dean, Research is satisfied of the ability of the candidate to complete the required research and thesis towards the degree.

**3. Admission and Enrolment**

3.1 An application for admission shall be made on the prescribed form:



(i) The Postgraduate Research application form (PR Form) (if the applicant holds citizenship or permanent residency in Australia or New Zealand); or

(ii) The Foreign Research application form (FR Form) (if the applicant is an international candidate).

3.2 Admission of a person as a candidate for the degree shall be at the discretion of the Assistant Dean, Research on the recommendation of the Law Faculty Research Committee.

3.3 A person applying for admission as a candidate for the degree shall apply in accordance with the requirements of the Registrar and shall pay all prescribed fees.

3.4 A person admitted as a candidate may enrol as either a full-time student or a part-time student. International students studying in Australia on student visas may only enrol in full-time programs.

#### 4. Progress Reports

4.1 The Principal Supervisor and candidate are required to report on a six monthly basis (by 30 April and 30 September) on the prescribed form on the candidate's progress and research plans. Reports shall be signed by both the candidate and by the Principal Supervisor and submitted through the Law Faculty Research Committee to the Office of Research for consideration by the Research Degrees Committee.

4.2 Where the candidate's progress is deemed satisfactory, the Research Degrees Committee shall approve continuation of candidature.

4.3 where progress is deemed unsatisfactory, the Research Degrees Committee, on advice from the Faculty Research Committee, will normally place the candidate under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The Research Degrees Committee will inform the candidate of the required remedial action to be followed taking account of the advice provided by the Principal Supervisor and the Faculty.

4.4 a report on the action taken to resolve the deficiencies in the program must be made to the Faculty Research Committee and the Research Degrees Committee may then approve continuation of candidature if these deficiencies have been redressed and progress is again satisfactory.

4.5 If progress is still unsatisfactory after the Review Period, the Research Degrees Committee, on advice from the Faculty Research Committee, shall ask the candidate to show cause why the enrolment of the candidate should not be terminated.

4.6 If a candidate fails to submit an annual report through their Principal Supervisor to Research Degrees Committee by the due date without applying, in writing, for an extension on the prescribed form two weeks prior to the due date, the Research Degrees Committee may ask the candidate to show cause why the enrolment of the candidate should not be terminated.

4.7 Upon failure of the candidate to show cause the candidate's enrolment will be terminated.

#### 5. Thesis Requirements

5.1 The thesis submitted for the degree shall be not less than 50,000 words and not more than 60,000 words in length and shall constitute a substantial contribution to knowledge and understanding in the area of the law and subject of the research. It shall include a title page, table of contents and bibliography, and shall otherwise comply with the University's requirements for presenting theses.

5.2 The candidate shall submit a detailed research outline to the Assistant Dean, Research within two months of admission to candidature. The research outline should address the following:

- the proposed title of the thesis;
- the objectives of the program of research and investigation;
- an outline of the proposed research;

- the Research methods and plan;
- the relation of the study to previous work in the same field by the candidate and others;
- a preliminary literature review;
- a substantial bibliography;
- a timeline for the completion of the research
- a copy of the Research Ethics Review Checklist
- the proposed supervisor(s) and their credentials
- an intellectual property agreement if required
- memo of understanding for any external supervisor

5.2 The Law Faculty Research Committee may, upon the recommendation of the Assistant Dean, Research vary the title of the thesis topic.

5.3 A candidate enrolled for the degree shall, at least once per semester during the period of candidature, consult with the Principal Supervisor and, where appropriate, any Associate Supervisor appointed by the Law Faculty Research Committee on the advice of the Assistant Dean, Research.

5.4 A candidate shall submit three copies of the thesis in the form prescribed by the University for the submission of theses to the Assistant Dean, Research not later than the end of November or May, as the case may be, in the year in which the candidate is required to complete the degree. On submission of the thesis, the candidate shall furnish a written statement to the effect that the thesis is that candidate's work alone, except where due acknowledgment is made in the text, and does not include material which has been previously submitted or accepted for a degree or diploma.

5.5 The Principal Supervisor shall recommend to the Faculty Research Committee the names of two examiners for the thesis, at least one of whom must be external to the University and neither of whom are the candidate's supervisor.

5.6 The Law Faculty Research Committee, through the Office of Research, shall refer the thesis to two examiners. Each examiner shall report, normally within two months of receipt of the thesis, whether in the examiner's opinion, the thesis is of the standard required for the award of the degree. Each examiner shall also recommend that the thesis:

- (i) be accepted
- (ii) not be accepted, or
- (iii) be accepted subject to amendments to be made to the satisfaction of the Principal Supervisor.

5.8 After both examiners' reports are received the Office of Research will forward them to the Assistant Dean, Research, the Principal Supervisor and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

#### Examiners in Agreement

Where both examiners recommend that the thesis be accepted (recommendations (i) or (iii)), the Assistant Dean, Research will consult with the Principal Supervisor to discuss any corrections or revisions that the candidate may be required to make and where revisions are required.

Where corrections or revisions are to be made to the satisfaction of the Principal Supervisor, the Principal Supervisor must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the LLM (Research) degree.

#### Examiners not in Agreement

Where the recommendations of the examiners are not in agreement as to whether the thesis should be accepted for the award of LLM(Research) or as to whether the thesis may be revised, the Law Faculty Research Committee will refer the thesis to a third examiner.

Upon receipt of the third examiner's report, a majority decision shall be adopted. Where the majority decision is that the thesis be accepted or that the thesis be rejected, this shall be the decision of the examiners as the case may be. Where the recommendation of three examiners clearly differ and no clear majority exists, the Assistant Dean, Research or nominee shall liaise with the Principal Supervisor to determine the further course of action.

### Appeals

A candidate whose thesis has failed may lodge an appeal against the outcome of the examination process. The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

An appeal must be lodged within sixty (60) days of the date of written advice from the Office of Research on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based. Appeals must be submitted in writing to the Office of the Pro-Vice-Chancellor (Research and Advancement). The Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to his/her consideration of the appeal. In cases where a conflict of interest exists, the Director, Postgraduate Research Studies, will appoint a member of academic staff, with expertise in research candidate supervision to consider the appeal.

The Director, Postgraduate Research Studies, or appointee will decide whether a case exists and may seek the advice of the Faculty or school as appropriate. The appeal may be allowed or dismissed. If an appeal is allowed, the Director, Postgraduate Research Studies, or appointee cannot recommend that the degree be awarded but shall recommend that the thesis be re-examined.

The Director, Postgraduate Research Studies, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

5.9 Following final acceptance of the thesis, one bound copy and one electronic copy of the thesis must be submitted to the Office of Research for inclusion in the QUT Faculty of Law Library. These copies shall be in the prescribed form as set out in the University Requirements for Presenting Theses and be provided at the candidate's expense. An additional copy shall be bound at the Faculty's expense for inclusion in the Faculty Office collection. Any corrections resulting from the examiners' assessment shall be made prior to binding, and by retyping if they would otherwise be obtrusive.

### 6. Credit for Research Work Done Elsewhere

6.1 The Assistant Dean, Research may grant credit toward the Master of Laws degree by Research for work done at another institution of similar standing. Such credit shall not be granted unless the candidate provides to the Assistant Dean, Research:

- (i) evidence that the candidate has cancelled or terminated enrolment at the other institution, and
- (ii) a written undertaking that the candidate will not seek credit in any form or manner for work done at the other institution or any other institutions except to complete the degree at QUT.

### 7. Time for Completion Requirements

7.1 Except in special circumstances and with the approval of the Assistant Dean, Research:

- (i) a full-time candidate shall complete all the requirements for the degree not earlier than the end of the second semester and not later than the end of the sixth semester of candidature;
  - (ii) a part-time candidate shall complete all the requirements for the degree not earlier than the end of the fourth semester and not later than the end of the eighth semester of the candidature.
- International students studying on student visas must be enrolled on a full-time basis.

7.2 The Assistant Dean, Research may, upon the application of the candidate, extend any time limited by the rules by such further period as may be consistent with general University rules. Extensions of time for international students will only be made in exceptional circumstances. International students should consult the Assistant Dean, Research and the Office of International Students if an extension of time is required.

### 8. Award of Degree

8.1 A candidate who has fulfilled the requirements of these rules and who has otherwise complied with the provisions of all statutes and other rules applicable may be admitted to the degree of Master of Laws by the University Academic Board on the recommendation of the Law Academic Board and the University Research Degrees Committee

#### Full-time Course Structure

##### Year 1, Semesters 1 and 2

IFN100	Full-Time Masters Research
IFN100	Full-Time Masters Research

#### Part-time Course Structure

##### Year 1, Semesters 1 and 2

IFN200	Part-Time Masters Research
IFN200	Part-Time Masters Research

##### Year 2, Semesters 1 and 2

IFN200	Part-Time Masters Research
IFN200	Part-Time Masters Research

## ■ Graduate Diploma in Legal and Justice Studies (available to continuing students only) (JS41)

**Award title:** Graduate Diploma in Legal and Justice Studies

**CRICOS code:** 020312G

**Location:** Kelvin Grove

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Course duration (external):** 2 years part-time

**Total credit points:** 96

**Course coordinator:** Dr Belinda Carpenter

#### Entry Requirements

An appropriate undergraduate degree from a recognised tertiary institution or extensive professional experience that is deemed appropriate by the Course Coordinator. If an application falls within the second category, students must provide documentary evidence of their experience when they complete the standard application form. Students may be interviewed before they are offered a place.

#### Course Structure

Of the course's 96 credit points, students will complete 48 credit points of core units and 48 credit points of specialist units from within a students chosen professional area.

##### Core Units

JSP001	Law And Government 1
JSP002	Criminal Law In Context 1
JSP003	Law And Government 2
JSP004	Criminal Law In Context 2

##### Professional Minors - Law Enforcement

JSP051	Introduction To Criminal Law And Evidence
JSP052	Police Procedure And Practice
JSP053	Organised Crime
JSP054	Issues In Policing

##### Intelligence and Security

	Four units from the following
JSP061	Process Theory And Application
JSP062	Protective Security - Theory And Application
JSP063	Intelligence Research - Issues, Procedures And Practice
JSP064	Protective Security Issues And Practice
JSP065	Intelligence And National Security
JSP066	Management Of Protective Security
JSP067	Intelligence, Organisations, Personnel And Operations

**Criminology**

JSP041	Juvenile Justice
JSP042	Crime And The Workplace
JSP043	Crime Research Methods
JSP044	Responding To Crime

**Corrections and the Community**

JSP071	Corrections And The Community 1
JSP072	Corrections And The Community 2
JSP073	Corrections And The Community 3
JSP074	Corrections And The Community 4

**Legal and Justice Policy**

JSP081	Law And Public Policy
JSP082	Legal Rights And Responsibilities
JSP083	Administrative Law And Justice
JSP084	Justice And Human Rights

**■ Graduate Diploma in Legal Practice (LP41)****Award title:** Graduate Diploma in Legal Practice**CRICOS code:** 009034F**Location:** Gardens Point**Course duration (full-time):** Full-time mode - 24 weeks full-time**Course duration (part-time):** Part-time (in-practice) mode 34 weeks**Course duration (external):** Part-time (general) mode 38 weeks part-time**Total credit points:** 96**Course coordinator:** Allan Chay, Director Legal Practice**Entry Requirements**

An approved degree in law; that is, a degree that satisfies Queensland admission requirements for legal practitioners. Students with on Bachelor of Law unit left to complete may also apply. The Course is offered in 3 modes: full-time; part-time (general); part-time (in practice) - available to persons who are working in approved laws firms or government legal offices;

**Professional Recognition**

This diploma satisfies the practical training requirements for admission as a legal practitioner (subject to Legal Practitioners Admissions Board approval)

**Course Structure****Practice Topics**

LPP111	Lawyers skills
LPP112	Work skills
LPP113	Civil Litigation
LPP114	Commercial
LPP115	Property
LPP116	Electives
LPP117	Interaction
LPP118	Placement

**■ Graduate Diploma in Legal Studies (LW70)****Award title:** Graduate Diploma in Legal Studies**CRICOS code:** 040318B**Location:** Gardens Point and External**Course duration (full-time):** 2 semesters**Course duration (part-time):** 4 semesters**Total credit points:** 96**Standard credit points per semester (full-time):** 48**Standard credit points per semester (part-time):** 24**Course coordinator:** Director, Graduate Studies**Entry Requirements**

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate

**Advanced Standing**

Students who have previously undertaken undergraduate law units at QUT (equivalent to core units in LW70) may apply for a maximum of 48 credit points for these units towards the LW70 Graduate Diploma in Legal Studies.

**Full-time Course Structure****Semester 1**

	Introduction to Legal Research
LWB136	Contracts A
LWB138	Fundamentals of Torts
LWB141	Legal Institutions and Method
PLUS	
LWB142	Law, Society and Justice
OR	
LWB143	Legal Research and Writing

**Semester 2**

12 credit points - elective
12 credit points - elective
12 credit points - elective
12 credit points - elective

**Part-time Course Structure****Semester 1 Entry: Semester 1 - Option 1 (LWB142)**

	Introduction to Legal Research
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice

**Semester 1 Entry: Semester 2 - Option 1 (LWB142)**

LWB136	Contracts A
LWB138	Fundamentals of Torts

**Semester 1 Entry: Semester 1 - Option 2 (LWB143)**

	Introduction to Legal Research
LWB141	Legal Institutions and Method
LWB136	Contracts A

**Semester 1 Entry: Semester 2 - Option 2 (LWB143)**

LWB143	Legal Research and Writing
LWB138	Fundamentals of Torts

**Semester 2 Entry: Semester 2 - Option 1 (LWB142)**

	Introduction to Legal Research
LWB141	Legal Institutions and Method
LWB136	Contracts A

**Semester 2 Entry: Semester 1 - Option 1 (LWB142)**

LWB138	Fundamentals of Torts
LWB142	Law, Society and Justice

**Semester 2 Entry: Semester 2 - Option 2 (LWB143)**

	Introduction to Legal Research
LWB141	Legal Institutions and Method
LWB143	Legal Research and Writing

**Semester 2 Entry: Semester 1 - Option 1 (LWB143)**

LWB136	Contracts A
LWB138	Fundamentals of Torts

**All Semesters of Entry: Semester 3**

12 credit points - elective
12 credit points - elective

**All Semesters of Entry: Semester 4**

12 credit points - elective
12 credit points - elective

**■ Graduate Certificate in Critical Criminology (JS26)****Award title:** Graduate Certificate in Critical Criminology**CRICOS code:** Not required**Location:** Kelvin Grove and External**Course duration (part-time):** 1 year multimodal or external**Course duration (external):** 1 year**Total credit points:** 48**Course coordinator:** Dr Belinda Carpenter**Entry Requirements**

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate.

**Course Requirements**

The Graduate Certificate in Critical Criminology consists of four units of twelve credit points each. The four units focus on foundations in criminology, juvenile justice, crime prevention and crime control.

**Articulation to Master of Justice**

A student, who has successfully completed the Graduate Certificate in Critical Criminology with a GPA of 5.0 or better,

may articulate to the Master of Justice (Critical Criminology) and receive credit for their specialist area study of 48 credit points.

### Part time/External Course Structure

#### Semester 1

JSP131	Juvenile Justice
JSP132	Foundations in Criminology

#### Semester 2

JSP133	Crime Prevention
JSP134	Crime Control and Governance

## ■ Graduate Certificate in Justice (JS25)

**Award title:** Graduate Certificate in Justice

**CRICOS code:** 036433M

**Location:** Kelvin Grove and External

**Course duration (full-time):** 6 months multimodal or external

**Course duration (part-time):** 1 year

**Course duration (external):** 1 year part-time multimodal or external

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Belinda Carpenter

### Entry Requirements

An appropriate undergraduate degree from a recognised tertiary institution OR professional experience that the Course Coordinator deems to be appropriate.

### Course Requirements

The Graduate Certificate in Justice consists of four units of 12 credit points each. The four units will be chosen from across any of the Graduate Certificate Programs (Strategic Intelligence JS29; Critical Criminology JS26; Organised Crime and Corruption Investigation JS27; and Justice Policy JS28).

### Articulation to Master of Justice

A student, who has successfully completed the Graduate Certificate in Justice with a GPA of 5.0 or better, may articulate to the Master of Justice and receive credit of 48 credit points.

### Full-time Course Structure

#### Semester 1

**Select any four units from:**

JSP131	Juvenile Justice
JSP132	Foundations in Criminology
JSP141	Organised Crime and Corruption
JSP142	Forensic Investigation Methods and Strategies
JSP151	Policy, Governance and Justice
JSP152	Administrative Justice
JSP161	Fundamentals of Intelligence
JSP162	Managing Intelligence

#### Semester 2 (MID YEAR ENTRY)

**Select any four units (48 cps) from the following:**

JSP133	Crime Prevention
JSP134	Crime Control and Governance
JSP143	Proceeds of Crime and Money Laundering
JSP144	Evidence in Organised Crime Investigations
JSP153	Watchdogs: Warriors, Wimps and Witch-hunts
JSP154	Human Rights and Global Justice
JSP163	Intelligence Research Issues & Methodology
JSP164	Intelligence and National Security

### Part Time/External Course Structure

**Select any 2 units from both Semester 1 & 2 Full-time Programs above (total of 48cps)**

## ■ Graduate Certificate in Justice Policy (JS28)

**Award title:** Graduate Certificate in Justice Policy

**CRICOS code:** Not required

**Location:** Kelvin Grove and External

**Course duration (part-time):** 1 year multimodal or external

**Course duration (external):** 1 year

**Total credit points:** 48

**Course coordinator:** Dr Belinda Carpenter

**Discipline coordinator:** Dr Sharon Hayes

### Entry Requirements

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate.

### Articulation to Master of Justice

A student, who has successfully completed the Graduate Certificate in Justice Policy with a GPA of 5.0 or better, may articulate to the Master of Justice (Justice Policy) and receive credit for their specialist area study of 48 credit points.

### Part time/External Course Structure

#### Semester 1

JSP151	Policy, Governance and Justice
JSP152	Administrative Justice

#### Semester 2

JSP153	Watchdogs: Warriors, Wimps and Witch-hunts
JSP154	Human Rights and Global Justice

## ■ Graduate Certificate in Law (LW60)

**Award title:** Graduate Certificate in Law (Study Area A)

**CRICOS code:** 027286C

**Location:** Gardens Point

**Course duration (full-time):** 1 semester (Generic course and select majors only)

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Director, Graduate Programs

### Entry Requirements

Prospective students must:

- (i) hold (or have completed the requirements for) the degree of Bachelor of Laws from QUT or a comparable institution OR
- (ii) have a professional qualification in law and at least three years of professional legal experience subsequent to first admission to practice OR
- (iii) have a bachelors degree in another discipline and professional experience which in the opinion of the Director, Graduate Studies equips the student for postgraduate study in law in the field of the Graduate Certificate in Law in which you wish to enrol.

### Course Structure

The required credit points can be accrued in two ways. Students may nominate a major from the following list and choose units to the value of 48 credit points. Alternatively, students can complete a generic certificate by choosing any coursework units to the value of 48 credit points from units offered in the Master of Laws by Coursework.

**Majors:**

Commercial Transactions, Corporate Law, Criminal Justice, Environment, International Law, Media and Communications Law, Planning and Resources, Property, Public Law, Generic

### Articulation to the Master of Laws by Coursework

A student who has successfully completed the Graduate Certificate in Law in a specialist stream and who does not hold a LLB degree or equivalent, may be permitted to credit the units undertaken towards an Master of Laws by Coursework degree if they achieve a minimum GPA of 5.5 in the Graduate Certificate in Law.

**Course Structure****Commercial Transactions**

LWN022 Banking and Finance Law  
 LWN025 Research Project 1A  
 LWN030 Dispute Resolution/mediation  
 LWN043 Law of Company Takeovers  
 LWN048 Advanced Legal Research  
 LWN050 Restrictive Trade Practices Law  
 LWN051 Consumer Protection and Product Liability  
 LWN075 International Commercial Transactions  
 LWN076 International Commercial Disputes  
 LWN093 Borrowers and Secured Lenders - Select Issues  
 LWN097 Corporate Insolvency  
 LWN111 Public Law and Government Commercial Activity  
 LWN113 Law of Guarantees  
 LWN117 Legal Regulation of the Internet  
 LWN122 Commercial Leases  
 LWN147 Patent Law and Commercialisation  
 LWN151 Select Issues in Property Law

**Corporate Law**

LWN022 Banking and Finance Law  
 LWN025 Research Project 1A  
 LWN030 Dispute Resolution/mediation  
 LWN043 Law of Company Takeovers  
 LWN048 Advanced Legal Research  
 LWN050 Restrictive Trade Practices Law  
 LWN051 Consumer Protection and Product Liability  
 LWN093 Borrowers and Secured Lenders - Select Issues  
 LWN096 Capital Markets Law  
 LWN097 Corporate Insolvency  
 LWN145 Corporate and Investment Regulation

**Criminal Justice**

LWN025 Research Project 1A  
 LWN030 Dispute Resolution/mediation  
 LWN040 Theories of Justice  
 LWN042 Theories Of Justice 2  
 LWN048 Advanced Legal Research  
 LWN129 Contemporary Issues in Sentencing Law  
 LWN135 Law, Justice and New Genetic Technologies  
 LWN148 Evidence in Organised Crime Investigations

**Environment**

LWN025 Research Project 1A  
 LWN030 Dispute Resolution/mediation  
 LWN048 Advanced Legal Research  
 LWN049 International Environmental Law  
 LWN060 Environmental Legal System  
 LWN061 Natural Resources Law  
 LWN062 Federal Environmental Law  
 LWN063 Comparative Environmental Law  
 LWN094 Energy Law  
 LWN095 Native Title Law and Policy  
 LWN131 Queensland State Lands: Law and Practice  
 LWN157 Comparative Native Title Law and Policy

**International Law**

LWN025 Research Project 1A  
 LWN030 Dispute Resolution/mediation  
 LWN048 Advanced Legal Research  
 LWN049 International Environmental Law  
 LWN075 International Commercial Transactions  
 LWN076 International Commercial Disputes  
 LWN115 Human Rights In Australian Law  
 LWN142 East Asian Legal Systems  
 LWN143 International Criminal Justice  
 LWN146 International and Comparative Intellectual Property Law (Asia Pacific)  
 LWN152 Law of the European Union

**Media and Communications Law**

LWN025 Research Project 1A  
 LWN030 Dispute Resolution/mediation  
 LWN036 Select Issues in Intellectual Property Law  
 LWN048 Advanced Legal Research  
 LWN099 Intellectual Property Law  
 LWN117 Legal Regulation of the Internet  
 JSN012 Law Morality And The Media  
 LWN120 Select Issues in Media Law and Policy  
 LWN125 Electronic Commerce Law  
 LWN139 Privacy Law  
 LWN146 International and Comparative Intellectual Property Law (Asia Pacific)

LWN147 Patent Law and Commercialisation  
 LWN153 Select Issues in Art, Culture and the Law  
 LWN154 Trade Mark Law

**Planning and Resources**

LWN025 Research Project 1A  
 LWN030 Dispute Resolution/mediation  
 LWN046 Advanced Planning Law  
 LWN048 Advanced Legal Research  
 LWN060 Environmental Legal System  
 LWN061 Natural Resources Law  
 LWN062 Federal Environmental Law  
 LWN065 Construction and Engineering Law  
 LWN094 Energy Law  
 LWN095 Native Title Law and Policy  
 LWN131 Queensland State Lands: Law and Practice  
 LWN138 Comparative Cultural Heritage Law  
 LWN157 Comparative Native Title Law and Policy

**Property**

LWN025 Research Project 1A  
 LWN030 Dispute Resolution/mediation  
 LWN046 Advanced Planning Law  
 LWN048 Advanced Legal Research  
 LWN061 Natural Resources Law  
 LWN065 Construction and Engineering Law  
 LWN083 Estate Planning  
 LWN095 Native Title Law and Policy  
 LWN122 Commercial Leases  
 LWN127 Advanced Insurance Law 1  
 LWN128 Advanced Insurance Law 2  
 LWN131 Queensland State Lands: Law and Practice  
 LWN138 Comparative Cultural Heritage Law  
 LWN151 Select Issues in Property Law  
 LWN157 Comparative Native Title Law and Policy

**Public Law**

LWN025 Research Project 1A  
 LWN030 Dispute Resolution/mediation  
 LWN048 Advanced Legal Research  
 LWN052 Civil Procedure - Theory And Practice  
 LWN087 Contemporary Issues in Torts  
 LWN095 Native Title Law and Policy  
 LWN111 Public Law and Government Commercial Activity  
 LWN119 Employment Law  
 LWN115 Human Rights In Australian Law  
 LWN125 Electronic Commerce Law  
 LWN132 Public Sector Employment Law and Policy  
 LWN134 Representative Actions  
 LWN135 Law, Justice and New Genetic Technologies  
 LWN142 East Asian Legal Systems  
 LWN144 Contemporary Issues in Child Law  
 LWN148 Evidence in Organised Crime Investigations  
 LWN150 Death, Decisions and the Law  
 LWN152 Law of the European Union  
 LWN155 Biotechnology Law  
 LWN156 Justice, Law and Democracy  
 LWN157 Comparative Native Title Law and Policy

**2005 Schedule of Units: Please refer to:**

<http://www.law.qut.edu.au/courses/pggrad/units.jsp>

LWN030 Dispute Resolution/mediation  
 LWN040 Theories of Justice  
 LWN042 Theories Of Justice 2  
 LWN046 Advanced Planning Law  
 LWN048 Advanced Legal Research  
 LWN050 Restrictive Trade Practices Law  
 LWN051 Consumer Protection and Product Liability  
 LWN063 Comparative Environmental Law  
 LWN065 Construction and Engineering Law  
 LWN076 International Commercial Disputes  
 LWN083 Estate Planning  
 LWN087 Contemporary Issues in Torts  
 LWN093 Borrowers and Secured Lenders - Select Issues  
 LWN094 Energy Law  
 LWN097 Corporate Insolvency  
 LWN111 Public Law and Government Commercial Activity  
 LWN117 Legal Regulation of the Internet  
 LWN119 Employment Law  
 LWN120 Select Issues in Media Law and Policy  
 LWN122 Commercial Leases  
 LWN131 Queensland State Lands: Law and Practice  
 LWN139 Privacy Law

LWN144	Contemporary Issues in Child Law
LWN145	Corporate and Investment Regulation
LWN147	Patent Law and Commercialisation
LWN148	Evidence in Organised Crime Investigations
LWN150	Death, Decisions and the Law
LWN151	Select Issues in Property Law
LWN153	Select Issues in Art, Culture and the Law
LWN154	Trade Mark Law
LWN155	Biotechnology Law
LWN156	Justice, Law and Democracy
LWN157	Comparative Native Title Law and Policy

## ■ Graduate Certificate in Legal Studies (LW65)

**Award title:** Graduate Certificate in Legal Studies

**CRICOS code:** 040307E

**Location:** Gardens Point and External

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Director, Graduate Studies

### Entry Requirements

An appropriate undergraduate degree from a recognised tertiary institution or Professional experience that the Course Coordinator deems to be appropriate

### Advanced Standing

Students who have previously undertaken undergraduate law units (equivalent to core units in LW65) at QUT may apply for a maximum of 24 credit points for these units towards the LW65 Graduate Certificate in Legal Studies

### Full-time Course Structure (entry in semester one or two)

	Introduction to Legal Research
LWB136	Contracts A
LWB138	Fundamentals of Torts
LWB141	Legal Institutions and Method
PLUS	
LWB142	Law, Society and Justice
OR	
LWB143	Legal Research and Writing

### Part-time Course Structure

**Semester 1 Entry: Semester 1 - Option 1 (LWB142)**

	Introduction to Legal Research
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice

**Semester 1 Entry: Semester 2 - Option 1 (LWB142)**

LWB136	Contracts A
LWB138	Fundamentals of Torts

**Semester 1 Entry: Semester 1 - Option 2 (LWB143)**

	Introduction to Legal Research
LWB136	Contracts A
LWB141	Legal Institutions and Method

**Semester 1 Entry: Semester 2 - Option 2 (LWB143)**

LWB138	Fundamentals of Torts
LWB143	Legal Research and Writing

**Semester 2 Entry: Semester 2 - Option 1 (LWB142)**

	Introduction to Legal Research
LWB141	Legal Institutions and Method
LWB136	Contracts A

**Semester 2 Entry: Semester 1 - Option 1 (LWB142)**

LWB138	Fundamentals of Torts
LWB142	Law, Society and Justice

**Semester 2 Entry: Semester 2 - Option 2 (LWB143)**

	Introduction to Legal Research
LWB141	Legal Institutions and Method
LWB143	Legal Research and Writing

**Semester 2 Entry: Semester 1 - Option 2 (LWB143)**

LWB136	Contracts A
LWB138	Fundamentals of Torts

## ■ Graduate Certificate in Organised Crime and Corruption Investigation (JS27)

**Award title:** Graduate Certificate in Organised Crime and Corruption Investigation

**CRICOS code:** Not required

**Location:** Kelvin Grove and External

**Course duration (part-time):** 1 year multimodal or external

**Course duration (external):** 1 year

**Total credit points:** 48

**Course coordinator:** Dr Belinda Carpenter

**Discipline coordinator:** Dr Belinda Carpenter

### Entry Requirements

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate.

### Articulation to Master of Justice

A student, who has successfully completed the Graduate Certificate in Organised Crime and Corruption Investigation with a GPA of 5.0 or better, may articulate to the Master of Justice (Organised Crime and Corruption Investigation) and receive credit for their specialist area study of 48 credit points.

### Part time/External Course Structure

#### Semester 1

JSP141	Organised Crime and Corruption
JSP142	Forensic Investigation Methods and Strategies

#### Semester 2

JSP143	Proceeds of Crime and Money Laundering
JSP144	Evidence in Organised Crime Investigations

## ■ Graduate Certificate in Strategic Intelligence (JS29)

**Award title:** Graduate Certificate in Strategic Intelligence

**CRICOS code:** Not required

**Location:** External

**Course duration (external):** 1 year Part time

**Total credit points:** 48

**Course coordinator:** Dr Belinda Carpenter

**Discipline coordinator:** Dr Ian Wells

### Entry Requirements

An appropriate undergraduate degree from a recognised tertiary institution or professional experience that the Course Coordinator deems to be appropriate.

### Articulation to Master of Justice

A student, who has successfully completed the Graduate Certificate in Strategic Intelligence with a GPA of 5.0 or better, may articulate to the Master of Justice (Strategic Intelligence) and receive credit for their specialist area study of 48 credit points.

### Part time/External Course Structure

#### Semester 1

JSP161	Fundamentals of Intelligence
JSP162	Managing Intelligence

#### Semester 2

JSP163	Intelligence Research Issues & Methodology
JSP164	Intelligence and National Security

## ■ Bachelor of Justice (Honours) (JS40)

**Award title:** Bachelor of Justice (Honours)

**CRICOS code:** 020313F

**Location:** Kelvin Grove

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Ian Wells

### Entry Requirements

A Bachelor of Justice three-year degree or equivalent, having attained a grade point average of at least 5 on a 7-point scale in the final year of study and completion of the JSB933 Crime Research Methods, which is offered in the undergraduate program, OR other qualifications, including work experience or involvement in research that is deemed appropriate by the Course Coordinator. Normally students would apply for admission to the Honours program at the end of the final year of the students pass degree.

### Full-time Course Structure

#### Year 1, Semester 1

JSB411	Theories Of Justice 1
JSB412	Literature Review
JSB413	Colloquium
	Approved Elective

#### Year 2, Semester 2

JSB414/1	Thesis 1
JSB414/2	Thesis 2
JSB414/3	Thesis 3
JSB414/4	Thesis 4

### Part-time Course Structure

#### Year 1, Semester 1

JSB411	Theories Of Justice 1
JSB412	Literature Review

#### Year 1, Semester 2

JSB414/2	Thesis 2
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#### Year 2, Semester 1

JSB413	Colloquium
	Approved Elective

## ■ Bachelor of Justice (JS31)

**Award title:** Bachelor of Justice

**CRICOS code:** 006117E

**Location:** Kelvin Grove

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Course duration (external):** 6 years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Belinda Carpenter

### Full-time Course Structure

#### Year 1, Semester 1

JSB131	Framing Social Justice
JSB132	Professional Skills
JSB133	Law and Government
JSB134	Social Ethics and the Justice System

#### Year 1, Semester 2

JSB135	Unlocking Criminal Justice
JSB136	Forensic Psychology and the Law
JSB137	Politics of Law
JSB138	Crimes of Violence

#### Year 2, Semester 1

Select four units (48 cps) from the following  
EITHER

#### Critical Criminology Major

JSB231	Understanding Criminology
JSB232	Youth Justice
	Secondary Major / Elective
	Secondary Major / Elective
	OR

#### Investigations and Policing Major

JSB241	Introduction to Investigations and Policing
JSB242	Criminal Law in Context
	Secondary Major / Elective
	Secondary Major / Elective
	OR

#### Justice Policy Major

JSB251	Policy, Governance and Justice
	Secondary Major / Elective
	Secondary Major / Elective
	Elective

### Year 2, Semester 2 (Full-time Course Structure)

Select four units (48 cps) from the following:

EITHER

#### Critical Criminology Major

JSB233	Crime and Community Corrections
	Secondary Major / Elective
	Secondary Major / Elective
	Elective
	OR

#### Investigations and Policing Major

JSB243	Intelligence Led Investigations
	Secondary Major / Elective
	Secondary Major / Elective
	Elective
	OR

#### Justice Policy Major

JSB252	Citizenship and Justice
JSB253	Watchdogs: Warriors, Wimps and Witch-Hunts
	Secondary Major / Elective
	Secondary Major / Elective

### Year 3, Semester 1 (Full-time Course Structure)

Select four units from the following

EITHER

#### Critical Criminology Major

JSB331	Prisons as Industry
	Secondary Major / Elective
	Secondary Major / Elective
	Elective
	OR

#### Investigations and Policing Major

JSB341	Investigations, Evidence and Police Powers
	Elective
	Secondary Major / Elective
	Secondary Major / Elective
	OR

#### Justice Policy Major

JSB351	Administrative Justice
JSB352	Indigenous Justice
	Secondary Major / Elective
	Secondary Major / Elective

### Year 3, Semester 2 (Full-time Course Structure)

Select four units from the following

Either

#### Critical Criminology Major

JSB332	Crime Control and Governance
JSB333	Responding to Crime
	Secondary Major / Elective
	Secondary Major / Elective
	OR

#### Investigations and Policing Major

JSB342	Organised Crime
JSB343	Future Policing Strategies
	Secondary Major / Elective
	Secondary Major / Elective
	OR

#### Justice Policy Major

JSB353	Global Justice
	Secondary Major / Elective
	Secondary Major / Elective
	Elective

#### Electives (Semester 1)

JSB931	Independent Study
JSB932	Alternative Justice Processes
JSB933	Crime Research Methods
JSB935	Contractual Justice

#### Electives (Semester 2)

JSB931	Independent Study
JSB934	Professional Placement
JSB936	Compensation and Reparation
JSB937	Forensic Scientific Evidence

## ■ Bachelor of Justice/Bachelor of Laws (LW42)

**Award title:** Bachelor of Justice/Bachelor of Laws

**CRICOS code:** 018380B

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 5 years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 54

**Course coordinator:** Dr Belinda Carpenter (Justice), Director - Undergraduate Programs (Law)

### Professional Recognition

The QUT Bachelor of Laws course is an approved degree for the purposes of the Solicitors' Admission Rules and Barristers' Admission Rules. Accordingly, it enables graduates to satisfy the academic requirements for admission to practice as a solicitor and/or barrister in all Australian states and territories. The QUT LLB degree qualification is also recognised for admission purposes in West and East Malaysia, Fiji and Papua New Guinea.

### Course Structure

#### Year 1, Semester 1

- JSB131 Framing Social Justice
- JSB132 Professional Skills
- JSB134 Social Ethics and the Justice System

Introduction to Legal Research

LWB141 Legal Institutions and Method

LWB142 Law, Society and Justice

#### Year 1, Semester 2

- JSB135 Unlocking Criminal Justice
- JSB136 Forensic Psychology and the Law
- JSB138 Crimes of Violence
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

#### Year 2, Semester 1

- LWB136 Contracts A
- Select three units (36 cps) from

#### Critical Criminology Major (CCL)

- JSB231 Understanding Criminology
- JSB232 Youth Justice
- Elective/Secondary Major unit OR

#### Investigations and Policing Major (IVP)

- JSB241 Introduction to Investigations and Policing
- JSB242 Criminal Law in Context
- Elective/Secondary Major unit OR

#### Justice Policy Major (JPL)

- JSB251 Policy, Governance and Justice
- Elective/Secondary Major unit
- Elective/Secondary Major unit

#### Year 2, Semester 2

- LWB137 Contracts B
- Select three units (36 cps) from

#### Critical Criminology Major (CCL)

- JSB233 Crime and Community Corrections
- Elective/Secondary Major unit
- Elective/Secondary Major unit OR

#### Investigation and Policing Major (IVP)

- JSB243 Intelligence Led Investigations
- Elective/Secondary Major unit
- Elective/Secondary Major unit OR

#### Justice Policy Major (JPL)

- JSB252 Citizenship and Justice
- JSB253 Watchdogs: Warriors, Wimps and Witch-Hunts
- Elective/Secondary Major unit

#### Year 3, Semester 1

- LWB138 Fundamentals of Torts
- Select three units (36 cps) from:

#### Critical Criminology Major (CCL)

- JSB331 Prisons as Industry
- Elective/Secondary Major unit
- Elective/Secondary Major unit OR

#### Investigation and Policing Major (IVP)

- JSB341 Investigations, Evidence and Police Powers
- Elective/Secondary Major unit
- Elective/Secondary Major unit
- OR

#### Justice Policy Major (JPL)

- JSB351 Administrative Justice
- JSB352 Indigenous Justice
- Elective/Secondary Major unit

#### Year 3, Semester 2

- LWB139 Select Issues in Torts
- Select Three units (36 cps) from

#### Critical Criminology Major (CCL)

- JSB332 Crime, Control and Governance
- JSB333 Responding to Crime
- Elective/Secondary Major unit OR

#### Investigation and Policing Major (IVP)

- JSB342 Organised Crime
- JSB343 Future Policing Strategies
- Elective/Secondary Major unit OR

#### Justice Policy Major (JPL)

- JSB353 Global Justice
- Elective/Secondary Major unit
- Elective/Secondary Major unit

#### Year 4, Semester 1

- LWB231 Introduction to Public Law
- LWB236 Real Property A
- LWB238 Fundamentals of Criminal Law
- LWB240 Principles of Equity
- LWB333 Theories of Law

#### Year 4, Semester 2

- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB239 Criminal Responsibility
- LWB241 Trusts
- LWB334 Corporate Law

#### Year 5, Semester 1

- LWB332 Commercial and Personal Property Law
- LWB431 Civil Procedure
- LWB432 Evidence
- LWB434 Advanced Research and Legal Reasoning
- Elective unit

#### Year 5, Semester 2

- LWB331 Administrative Law
- LWB433 Professional Responsibility
- Elective Unit

## ■ Bachelor of Laws (LW33)

**Award title:** Bachelor of Laws

**CRICOS code:** 003486D

**Location:** Gardens Point and External

**Course duration (full-time):** 4 Years

**Course duration (part-time):** 6 Years

**Course duration (external):** 6 Years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Director, Undergraduate Programs

### Distance Education (External) Special Entry Requirements

Entry to the distance education (external) mode of the course is restricted to applicants who reside in Australia outside a 30km radius of the Gardens Point Campus. Preference for entry to the distance education course may be given to applicants who have been offered five year articles of clerkship by a solicitor or who are employed by a Magistrates Court or the Justice Department and undertake legal functions in their work.

### Other Course Requirements

It is a requirement that distance education students participate in two three-day attendance schools per year in addition to the orientation attendance school for commencing students only. The attendance schools are an integral component of the distance education course and are compulsory. When undertaking the course via distance education, it is the student's responsibility to ensure they have access to a suitable law library.

### Professional Recognition

The QUT Bachelor of Laws course is an approved degree for the purposes of the Solicitors Admission Rules and Barristers



Admission Rules. Accordingly, it enables graduates to satisfy the academic requirements for admission to practise as a solicitor and/or barrister in all Australian states and territories. The QUT LLB degree qualification is also recognised for admission purposes in West and East Malaysia, Fiji and Papua New Guinea.

### Full-time Course Structure

#### Year 1, Semester 1

- Introduction to Legal Research
- LWB136 Contracts A
- LWB138 Fundamentals of Torts
- LWB141 Legal Institutions and Method
- LWB142 Law, Society and Justice

#### Year 1, Semester 2

- LWB137 Contracts B
- LWB139 Select Issues in Torts
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

#### Year 2, Semester 1

- LWB231 Introduction to Public Law
- LWB236 Real Property A
- LWB238 Fundamentals of Criminal Law
- LWB240 Principles of Equity

#### Year 2, Semester 2

- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB239 Criminal Responsibility
- LWB241 Trusts

#### Year 3, Semester 1

- LWB332 Commercial and Personal Property Law
- LWB333 Theories of Law
- Elective Units

#### Year 3, Semester 2

- LWB331 Administrative Law
- LWB334 Corporate Law
- Elective Units

#### Year 4, Semester 1

- LWB431 Civil Procedure
- LWB432 Evidence
- LWB434 Advanced Research and Legal Reasoning
- Elective Units

#### Year 4, Semester 2

- LWB433 Professional Responsibility
- Elective Units

### Part-time/External Course Structure

#### Year 1, Semester 1

- Introduction to Legal Research
- LWB141 Legal Institutions and Method
- LWB142 Law, Society and Justice

#### Year 1, Semester 2

- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

#### Year 2, Semester 1

- LWB136 Contracts A
- LWB138 Fundamentals of Torts

#### Year 2, Semester 2

- LWB137 Contracts B
- LWB139 Select Issues in Torts

#### Year 3, Semester 1

- LWB231 Introduction to Public Law
- LWB236 Real Property A
- LWB240 Principles of Equity

#### Year 3, Semester 2

- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB241 Trusts

#### Year 4, Semester 1

- LWB238 Fundamentals of Criminal Law
- LWB333 Theories of Law
- Elective Units

#### Year 4, Semester 2

- LWB239 Criminal Responsibility
- LWB331 Administrative Law
- Elective Units

#### Year 5, Semester 1

- LWB332 Commercial and Personal Property Law
- Elective Units

#### Year 5, Semester 2

- LWB334 Corporate Law
- Elective Units

#### Year 6, Semester 1

- LWB431 Civil Procedure
- LWB434 Advanced Research and Legal Reasoning
- Electives Units

#### Year 6, Semester 2

- LWB432 Evidence
- LWB433 Professional Responsibility
- Elective Units

### Special Accelerated Full-time Course Structure

#### Year 1, Semester 1

- Introduction to Legal Research
- LWB136 Contracts A
- LWB138 Fundamentals of Torts
- LWB141 Legal Institutions and Method
- LWB142 Law, Society and Justice

#### Year 1, Semester 2

- LWB137 Contracts B
- LWB139 Select Issues in Torts
- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

#### Year 2, Semester 1

- LWB231 Introduction to Public Law
- LWB236 Real Property A
- LWB238 Fundamentals of Criminal Law
- LWB240 Principles of Equity
- LWB333 Theories of Law

#### Year 2, Semester 2

- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB239 Criminal Responsibility
- LWB241 Trusts
- LWB334 Corporate Law

#### Year 3, Semester 1

- LWB332 Commercial and Personal Property Law
- LWB431 Civil Procedure
- LWB432 Evidence
- LWB434 Advanced Research and Legal Reasoning
- Elective Units

#### Year 3, Semester 2

- LWB331 Administrative Law
- LWB433 Professional Responsibility
- Elective Units

### Special Accelerated Part-time/External Course Structure

#### Year 1, Semester 1

- Introduction to Legal Research
- LWB141 Legal Institutions and Method
- LWB142 Law, Society and Justice

#### Year 1, Semester 2

- LWB143 Legal Research and Writing
- LWB144 Laws and Global Perspectives

#### Year 2, Semester 1

- LWB136 Contracts A
- LWB138 Fundamentals of Torts
- LWB238 Fundamentals of Criminal Law

#### Year 2, Semester 2

- LWB137 Contracts B
- LWB139 Select Issues in Torts
- LWB239 Criminal Responsibility

#### Year 3, Semester 1

- LWB231 Introduction to Public Law
- LWB236 Real Property A
- LWB240 Principles of Equity

#### Year 3, Semester 2

- LWB235 Australian Federal Constitutional Law
- LWB237 Real Property B
- LWB241 Trusts

#### Year 4, Semester 1

- LWB332 Commercial and Personal Property Law
- LWB333 Theories of Law
- Electives

#### Year 4, Semester 2

- LWB331 Administrative Law
- LWB334 Corporate Law
- Elective Units

***Year 5, Semester 1***

LWB431 Civil Procedure

LWB434 Advanced Research and Legal Reasoning  
Elective Units

***Year 5, Semester 2***

LWB432 Evidence

LWB433 Professional Responsibility  
Elective Units

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# Science

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## OVERVIEW

The Faculty of Science seeks to provide graduates with interesting and rewarding careers.

Fully equipped scientific and computing laboratories and state-of-the-art lecture theatres assist in the practical delivery of innovative teaching programs.

The Deans Scholars Accelerated Honours Program for high achieving students fast tracks science studies while workplace learning links with industry provide students with the opportunity to earn a salary while progressing through their degree.

Double degree options are available as part of a flexible program of academic studies.

The Faculty offers a range of courses within its four multi-disciplinary schools: School of Life Sciences, School of Mathematical Sciences, School of Natural Resource Sciences and School of Physical and Chemical Sciences.

Science education in the Faculty is further enriched by a number of research programs which come under the control of the Science Research Centre.

The School of Life Sciences offers studies in courses focused on biomedical and medical sciences, biotechnology, microbiology, and biochemistry. The School enjoys close working relationships with industry which, in turn, help to provide students with a "hands-on" approach to all of its courses.

The School of Mathematical Sciences offers studies in applied mathematics, mathematical finance, applied statistics, scientific computation and visualisation, and operations research. There is an emphasis on the applications of mathematics and many of the units are enriched by examples from business and industry.

The School of Natural Resource Sciences offers major studies in environmental science, ecology and geoscience, complemented with the co-majors in biodiversity, and applied geology.

The first year of the Applied Science course is offered at the Carseldine campus as well as at Gardens Point.

The School of Physical and Chemical Sciences offers majors in both Physics and Chemistry with co-majors in astrophysics, applied physics, forensic science and industrial chemistry. Forensic science can also be taken as a double major with chemistry or biotechnology. The School also offers courses in medical imaging technology and radiotherapy technology, leading to careers in diagnostic and therapeutic radiography.

For information about the Faculty of Science visit:  
<http://www.sci.qut.edu.au/>

Email: [sci-enquiries@qut.edu.au](mailto:sci-enquiries@qut.edu.au)

Phone: +61 7 3864 2152

## SENIOR STAFF

### Faculty office

**Dean:** Professor G. George, BSc (Hons) PhD *Qld*, CChem, FRACI

**Director of Research:** Professor J.L. Dale, BScAgr PhD *Syd*

**Director of Postgraduate Studies:** Associate Professor P.M. Fredericks, BSc (Hons) DPhil *Sus*, CChem, FRACI

**Director of Academic Programs:** Associate Professor B.H. Cornish, DipT BAppSc MAppSc (MedPhys) GradDipBusAdmin PhD *QUT*, MACPSEM, MAIP

**Faculty Administration Manager:** S.Bee, BSc GradDipAdmin Griff, JP (Qual)

### School of Life Sciences

**Head:** Professor A.C. Herington, BSc (Hons) PhD *Monash*

**Professors:**

J.A. Clements, BAppSc MAppSc *RMIT*, PhD *Monash*  
P. Timms, MSc PhD *Qld*, FASM

**Associate Professors:**

C.C. Collet, BSc (Hons), PhD *Latrobe*

R.M. Harding, BSc (Hons), PhD *Qld*

C.P. Morris, BSc (Hons) PhD *Adel*

Z. Upton, BSc (Hons), PhD *Adel*

### School of Mathematical Sciences

**Head:** Professor A.N. Pettitt, BSc (Hons) MSc PhD *Nott*, FSS, MSSAI

**Professors:**

V.V. Anh, BSc (Hons) PhD *Tas*, MEc *NE*, FAustMS, MSSAI, MIEEE

H. MacGillivray, BSc (Hons) PhD *Qld*, MSSAI

D.L.S. McElwain, BSc (Hons) *Qld*, PhD *York (Canada)*

K. Mengersen, BA (Hons) PhD *NE*, FRSS, MSSAI, MIMS, MIBS

**Associate Professor:** E.Kozan, BSc, MSc *Middle East*, PhD *Hacettepe*, MASOR

### School of Natural Resource Sciences

**Head:** Associate Professor D.A. Gust, BA *Lawrence*, MA *Rice*, PhD *ANU*

**Associate Professor:** P.B. Mather, BSc (Hons) PhD *Lot*

### School of Physical and Chemical Sciences

**Head:** Professor J.M. Pope, BSc (Hons) MSc *Brist*, DPhil *Sus*, FAIP

**Professor:** L. Morawska, MSc (Physics) PhD (Physics) *Jagiellonian*

**Associate Professors:**

B.H. Cornish, DipT BAppSc MAppSc (MedPhys)

GradDipBusAdmin PhD *QUT*, MACPSEM, MAIP

P.M. Fredericks, BSc (Hons) DPhil *Sus*, CChem, FRACI

R.L.W. Frost, BEd MSc PhD *Qld*

B.J. Thomas, BSc (Hons) PhD *WAust*, MAIP, FACPSEM

## RESEARCH CENTRES

### Science Research Centre

The Science Research Centre (SRC) provides an environment within which a variety of programs interact, developing new and innovative collaborations at the interface between disciplines. Our knowledge of nature is expanding at virtually an exponential rate and with this comes opportunities in complex areas requiring multi-disciplinary research teams. The SRC has been structured so as to capture opportunities in these multi-disciplinary projects, bringing together the expertise from different research programs to focus on a complex research problem.

The SRC has a broad range of programs which are grouped within four clusters: molecular biotechnology, physical and chemical sciences, natural resources and mathematical sciences. These clusters provide and maintain state of the art technology equipment and facilities; importantly, these facilities are shared across the SRC and are available to all programs giving researchers and research students access to the extensive range of equipment and technologies with the SRC.

### Research programs

#### Plant Biotechnology

Program Leader: Professor James Dale

Phone: +61 7 3864 2557

#### Biological Systems Research

Program Leader: Dr John Wilson

Phone: +61 7 3864 2447

#### Quaternary Earth and Water Systems (QEWS)

Program Leader: Dr Mal Cox

Phone: +61 7 3864 1649

#### Tissue BioRegeneration and Integration

Program Leader: Associate Professor Zee Upton

Phone: +61 7 3864 2342

**Inorganic Materials**

Program Leader: Associate Professor Ray Frost  
Phone: +61 7 3864 2407

**Medical Physics**

Program Leader: Associate Professor Bruce Cornish  
Phone: +61 7 3864 1581

**Applied Optics**

Program Leaders: Dr Ian Cowling and Dr Dmitri Gramotnev  
Phone: +61 7 3864 2592

**Statistics and Operations Research (SOR)**

Program Leaders: Professor Vo Anh and Associate Professor Erhan Kozan  
Phone: +61 7 3864 5195 or +61 7 3864 1029

**Applicable Mathematics and Advanced Computation (AMAC)**

Program Leader: Professor Sean McElwain and Associate Professor Ian Turner  
Phone: +61 7 3864 5185 or +61 7 3864 2259

**Infectious Diseases**

Program Leader: Professor Peter Timms  
Phone: +61 7 3864 2120

**Air Quality and Health**

Program Leader: Professor Lidia Morawska  
Phone: +61 7 3864 2616

**Hormone-Dependent Cancer**

Program Leader: Professor Judith Clements  
Phone: +61 7 3864 1899

**Synthesis and Molecular Recognition**

Program Leader: Dr Steven Bottle  
Phone: +61 7 3864 1356

**Cooperative Research Centre for Diagnostics**

Phone: +61 7 3864 1296

The CRC for Diagnostics (<http://diagnosticscrc.org>) based at QUT is a cooperative venture between research organisations (QUT, LaTrobe University, CSIRO and Child Health Research Institute) and Queensland Medical Laboratory. Centre participants are located in Queensland, Victoria and South Australia. Through effective technology transfer, outcomes will be: reduced health care costs through the better targeting of therapeutics, earlier diagnosis, and exploitation of genomics and proteomics information to allow greater specificity in diagnosis and treatment of an individual. Achievements to date include the multi-million dollar sale of a DNA detection method to Affymetrix (a large US biotechnology company) and the formation in 2002 of a new company, Evogenix, based in Melbourne. Other achievements include numerous patented DNA detection methods and diagnostic kits. Originally formed as the CRC for Diagnostic Technologies in 1995, this \$80 million centre was re-funded as a new centre in 2001 and is jointly funded by the participants and the Commonwealth and State Governments.

**Research programs**

- Protein profiling: expression profiles for the diagnosis and monitoring of autoimmune diseases.
- High Affinity Reagents: identification of novel reagents and platforms for library construction.
- Genome Diagnostics: discovery of SNPs for human physical characteristics and disease.
- Infectious Disease Diagnostics: novel methods and reagents for improved detection.
- Homogenous Reporter Systems for one-step diagnostic assays.

## ■ Master of Applied Science (Medical Physics) (PH80)

**Award title:** Master of Applied Science (Medical Physics)

**CRICOS code:** 043548G

**Location:** Gardens Point

**Course duration (full-time):** 1.5 Years

**Course duration (part-time):** 3 Years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Brian J Thomas

**Discipline coordinator:** Dr Greg Michael

### Other Majors

See also the separate entry for the following major in this course:  
Master of Applied Science (Medical Ultrasound).

### Course Design

This degree consists of two stages. Stage 1 (which is equivalent to the Graduate Diploma - PH71) comprises assessed coursework such as advanced lectures, seminars, reading courses or independent study. If undertaken full-time, students will need an average of 14 hours a week of formal contact.

In Stage 2 (Master of Applied Science - PH80) students undertake a program of supervised research and investigation that can be completed at QUT, or in a suitable external institution. Students can graduate with a Graduate Diploma in Medical Physics after satisfactory completion of Stage 1.

### Course Structure

**STAGE 1:** To complete Stage 1, students must complete units from the list below, totalling 96 credit points:

#### First Semester (February to June)

LSB142	Human Anatomy and Physiology
PCN113	Radiation Physics
PCN114	Microprocessors and Instrumentation
PCN211	Physics of Medical Imaging

#### Second Semester (July to October)

PCN112	Medical Imaging Science
PCN212	Radiotherapy Physics
PCN214	Health and Occupational Physics
PCN218	Research Methodology and Professional Studies

**STAGE 2:** (Project units in Stage 2 are offered in all semesters)

#### Project Over One Semester or Summer Program

PCN520	Project (Full-time)
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#### Project Over Two Semesters

PCN540-1	Project (Part-time)
PCN540-2	Project (Part-time)

**Note:** A student may request an extension of time in which to submit the project report for assessment. A request for an extension of time up to a maximum of six months shall be made in writing through the Head of School to the Dean. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made in writing to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a "Fail" result in the project unit. A student who has received a "Fail" result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

### Mid-Year Entry Course Structure

#### First Semester (July to October)

PCN112	Medical Imaging Science
PCN212	Radiotherapy Physics
PCN214	Health and Occupational Physics
PCN218	Research Methodology and Professional Studies

#### Second Semester (February to June)

LSB142	Human Anatomy and Physiology
PCN113	Radiation Physics
PCN114	Microprocessors and Instrumentation
PCN211	Physics of Medical Imaging

## ■ Master of Applied Science (Medical Ultrasound) (PH80)

**Award title:** Master of Applied Science (Medical Ultrasound)

**Location:** Gardens Point

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Brian Thomas

**Discipline coordinator:** Lynette Hassall

### Other Majors

See also the separate entry for the following major in this course:  
Master of Applied Science (Medical Physics).

### Professional Recognition

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

### Course Design

This degree consists of two stages. Stage 1 (Graduate Diploma - PH71) takes four semesters of part-time study to complete. Students must show that they have access to suitable clinical experience for the duration of Stage 1 before beginning the degree. Lectures are conducted in intensive four to five week blocks in each semester. Students undertake clinical experience throughout the semester.

Stage 2 (Master of Applied Science - PH80) involves completion of a research project and submission of a thesis. Students can undertake this project externally under QUT staff supervision on appointment of a suitable external supervisor. This stage takes two semesters part-time to complete after successful completion of Stage 1.

### Course Structure

**STAGE 1:** Students must complete the units listed below (total 96 credit points)

#### Semester 1

PCN159	Ultrasonic Examination 1
PCN162	Principles of Medical Ultrasound
PCN197-1	Clinical Attachment 1

#### Semester 2

PCN197-2	Clinical Attachment 1
PCN356	Ultrasonic Examinations 2

#### Semester 3

PCN297-1	Clinical Attachment 2
PCN355	Vascular Ultrasound
PCN357	Advanced Ultrasound Topics

#### Semester 4

PCN218	Research Methodology and Professional Studies
PCN297-1	Clinical Attachment 2

**Notes:** The PCN197 and PCN297 clinical attachment units are 2 semester units.

Each clinical attachment unit (ie PCN197 and PCN297) involves clinical experience in the order of 3 days per week or equivalent.

### STAGE 2:

#### Project Over One Semester or Summer Program

PCN520	Project (Full-time)
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#### Project Over Two Semesters

PCN540-1	Project (Part-time)
PCN540-2	Project (Part-time)

**Note:** A student may request an extension of time in which to submit the project report for assessment. A request for an extension of time up to a maximum of six months shall be made in writing through the Head of School to the Dean. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made in writing to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a "Fail" result in the project unit. A student who has received a "Fail" result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

## ■ Master of Applied Science (Research) (SC80)

**Award title:** Master of Applied Science

**CRICOS code:** 014020C

**Location:** Gardens Point

**Course duration (full-time):** 2 years

**Course duration (part-time):** 4 years

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Peter Fredericks

**Discipline coordinator:** Dr Godwin Ayoko (Chemistry); Dr Terry Walsh (Life Sciences); Professor Vo Anh (Mathematics); Associate Professor Peter Mather (Natural Resource Sciences); Associate Professor Brian J Thomas (Physics)

### Entry Requirement

Applicants must possess a bachelor of applied science or equivalent qualification or other evidence of qualifications that satisfy the Faculty Academic Board that the applicant possesses the capacity to pursue the course of study.

### Course Design

This degree consists of coursework that can comprise up to one-third of the course and research, which must be at least two-thirds of the course. The assessed coursework may be in the form of advanced lectures, seminars, reading courses, or independent study designed to focus on information retrieval skills. The research component is a program of supervised research and investigation at a level of scientific competence significantly higher than that expected from an undergraduate degree and, typically, a masters thesis does not need to be as substantial as a Doctor of Philosophy thesis.

Students undertake a program of research and investigation on a topic approved by the Academic Board. All projects should be sponsored either by outside agencies such as industry, government authorities, or professional organisations, or by the University itself.

Students entering the course with an honours degree or its equivalent to candidates with substantial relevant work experience normally gain exemptions to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

Students entering the course with a graduate diploma may gain exemption to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

A full-time candidate who does not hold an honours degree appropriate to the course of study will normally be required to complete both course and research work, including submission of the thesis for examination during a period of registration of 24 months. The corresponding period in the case of a part-time candidate shall be 48 months. In special cases the Academic Board may approve a shorter period.

A holder of an honours degree or its equivalent appropriate to the course of study may submit the thesis for examination after not less than 12 months of registration if a full-time student, or 24 months if a part-time student. In special cases the Academic Board may approve a shorter period.

### 1. General Conditions

1.1 The Council of the Queensland University of Technology was established in 1989 under the Queensland University of Technology Act 1988.

1.2 The Council's power to approve recommendations from faculty academic boards regarding the registration, supervision and examination of research degree candidates and to develop policy and procedure relating to research degrees is exercised

through a Research Management Committee which shall be a subcommittee of University Academic Board.

1.3 Research Management Committee has delegated responsibility for day-to-day administration of research masters degree courses to faculty academic boards. Academic boards shall report semi-annually to the Research

Management Committee on progress made by research masters degree candidates.

1.4 Unless the context otherwise indicates or requires, the words academic board and faculty shall refer to the faculty in which the candidate registers.

1.5 In order to qualify for the award of the degree of Master of Applied Science, a candidate must:

- have completed the approved course of study under the supervision prescribed by the Academic Board
- have submitted, and the Academic Board have accepted, a thesis prepared under the supervision of the supervisor
- have completed any other work prescribed by the Academic Board, and submit to the Academic Board a declaration signed by the candidate that he/she has not been a candidate for another tertiary award without permission of the Academic Board during the term of enrolment.

### 2. Registration

2.1 Applications shall be accepted subject to the availability of facilities and supervision.

2.2 Applications may be lodged with the Registrar at any time.

2.3 The minimum academic qualifications for admission to a program leading to a Master of Applied Science shall be:

- possession of a bachelor degree in applied science from the Queensland University of Technology, or
- possession of an equivalent qualification, or
- submission of such other evidence of qualifications as will satisfy the Academic Board that the applicant possesses the capacity to pursue the course of study.

2.4 Additional requirements for admission to a particular program may be laid down by the Academic Board.

2.5 In considering an applicant for registration the Academic Board shall, in addition to assessing the applicants suitability, assess the proposed program and its relevance to the aims and objectives of the University.

2.6 A candidate may register either as a full-time or as a part-time student.

2.6.1 To be registered as a full-time student, a candidate must be able to commit to the course not less than three-quarters of a normal working week, averaged over each year of candidacy. Such a student may not devote more than 300 hours annually to teaching activities, including preparation and marking.

2.6.2 A candidate who is unable to devote to the course the proportion of time specified in section 2.6.1 may register as a part-time student.

2.7 A candidate may be internal or external. An external candidate is one whose program of research and investigation is based at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidates application is required for a registration.

2.8 The Academic Board may cancel a candidates registration if, after consulting a candidates supervisors and having taken account of all relevant circumstances, the Academic Board is of the opinion that the candidate either has effectively discontinued his/her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (see section 4).

2.9 A candidate whose registration has lapsed or has been cancelled and who wishes subsequently to re-enter the course to undertake a program which is the same or essentially the same as

the previous program may be re-admitted under such conditions as the Academic Board may prescribe.

### 3. Course of Study

3.1 A candidate for the degree of Master of Applied Science shall undertake a program of research and investigation on a topic approved by the Academic Board. All projects should be sponsored either by outside agencies such as industry, government authorities, or professional organisations, or by the University itself.

3.2 The program must be such as to enable the candidate to develop and demonstrate a level of scientific competence significantly higher than that expected of a first degree graduate. The required competence normally would include mastery of relevant techniques, investigatory skills, critical thinking, and a high level of knowledge in the specialist area.

3.3 The program includes both coursework and research.

The coursework is a program of up to 64 credit points as defined in sections 3.5 and 3.6 as appropriate for each candidate.

The research component is a program of supervised research and investigation of at least 128 credit points as described in 3.1 and 3.2.

3.4 The students progress will be monitored continually throughout the first 96 credit points of the course. Where the School Research Committee, on the advice of the supervisors, is of the opinion that progress is not satisfactory, the student will be advised to consider transferring his/her enrolment to the SC71 Graduate Diploma in Applied Science course.

3.5 Coursework at masters level may be conducted in a number of ways such as:

- advanced lecture courses
- seminars in which faculty and students present critical studies of selected problems within the subject field
- independent study or reading courses

In all cases, coursework is based upon a formal syllabus setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course.

3.6 A candidate shall be required to participate in and present seminars as considered appropriate by the Principal Supervisor. The candidate shall be notified of minimum attendance requirements at the time of acceptance of enrolments.

3.7 Students entering the course with an Honours degree or its equivalent or candidates with substantial relevant work experience normally gain exemptions to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

3.8 Students entering the course with a Graduate Diploma may gain exemption to a maximum of 96 credit points at the discretion of the Academic Board on the recommendation of the Head of School.

3.9 An application for registration should set out the candidates intended course of study in broad outline but with specific objectives for the first year. The description should include the area of study within which the candidates course lies, the coursework to be undertaken and the proposed title of the thesis to be written.

At an appropriate time during the first year of full-time study or its equivalent the candidate must document and have approved by Academic Board on the recommendation of the Head of School a detailed course of study for the entire program. This description must include in addition to the proposed thesis title, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

### 4. Period of Time for Completion of Course of Study

4.1 A full-time candidate who does not hold an Honours degree appropriate to the course of study will normally be required to complete both course and research work, including submission of the thesis for examination during a period of registration of 24 months. The corresponding period in the case of a part-time candidate shall be 48 months. In special cases the Academic Board may approve a shorter period.

4.2 A holder of an Honours degree or its equivalent appropriate to the course of study may submit the thesis for examination after not less than 12 months of registration if a full-time student, or 24 months if a part-time student. In special cases the Academic Board may approve a shorter period.

4.3 Where application is made for permission to extend the period within which the candidate may submit a thesis for examination, details of the candidates progress shall be presented to the Academic Board together with the reasons for the delay in completing the work and the expected date of completion. Where the Academic Board agrees to an extension, it may set a limit to the maximum period of registration in the program.

### 5. Transfer of Registration

5.1 Where a candidate has undertaken part of a proposed course of study as a registered student in another institution, this period of registration may, on application in writing to the Academic Board at the time of application for registration, be counted towards the candidates period of registration in the QUT course. The application must include details of the work already undertaken, the reasons for the transfer and the expected date of completion.

5.2 Applications for transfer normally should be submitted at least 12 months in advance of the probable date of submission of the thesis.

### 6. Supervision

6.1 For each candidate the Academic Board shall appoint one or more supervisors with appropriate experience provided that, where more than one supervisor is appointed, one shall be nominated as the Principal Supervisor and the others as Associate Supervisors.

6.2 In the case of an internal student, the Principal Supervisor normally shall be from the academic staff of the school where the student carries out the work.

6.3 In the case of an external student, the Principal Supervisor normally shall be from the academic staff of the school supporting the work and at least one Associate Supervisor shall be from the sponsoring organisation.

6.4 At the end of each six-month period a student shall submit a report on the work undertaken to the Principal Supervisor and the Principal Supervisor shall submit a report to the Academic Board on the students work. This report shall be seen by the candidate before submission to the Academic Board.

### 7. Place and Conditions of Work

7.1 The research program is carried out under supervision in a suitable environment normally in Australia.

7.2 The Academic Board shall not admit a candidate to undertake a program of research based at the University unless it has received a statement from the Head of School in which the study is proposed that, in their opinion, the applicant is a fit person to undertake a research program leading to the masters degree, that the program is supported, and that the school/centre is willing to undertake the responsibility of supervising the applicants work.

7.3 The Academic Board shall not admit a candidate to undertake a research program based at a sponsoring establishment unless it has received:

- a statement from the employer or director of the sponsoring institution that the applicant will be provided with facilities to



undertake the research project and that they are willing to accept responsibility for supervising the applicants work, and

- a statement from the Head of School or the Director of the Centre in which the study is proposed that, in their opinion, the applicant is a fit person to undertake a research program leading to the masters degree, that the program is supported, and that after examination of the proposed external facilities and supervision, the school is willing to accept the responsibility of supervising the work.

## 8. Thesis

8.1 In the form of presentation, availability and copyright, the thesis shall comply with the provisions of the document Requirements for Presenting Theses.

8.2 The candidates application for registration should set out the intended course of study in broad outline but with specific objectives for the first year. The description should include the area of study within which the candidates course lies, the coursework to be undertaken and the proposed title of the thesis to be written.

At an appropriate time during the first year of full-time study or its equivalent the candidate must document and have approved by Academic Board on the recommendation of the relevant Head of School a detailed course of study for the entire program. This description must include in addition to the proposed thesis title, the aim of the proposed program of research and investigation, its background, the significance and possible application of the research program, and the research plan.

The candidate shall give two months notice of intention to submit the thesis. Such notice shall be accompanied by the appropriate fee, if any.

8.3 The thesis shall comply with the following requirements:

- a significant portion of the work described must have been carried out subsequent to initial registration for the degree.
- it must describe a program of work carried out by the candidate, and must involve either an original contribution to knowledge or an original application of existing knowledge.
- it must reach a satisfactory standard of literary presentation.
- it shall be the candidates own account of the work. Where work is carried out jointly with other persons, the Academic Board shall be advised of the extent of the candidates contribution to the joint work.
- the thesis shall not contain as its main content any work or material which the student has previously submitted for another degree or similar award.
- supporting documents, such as published papers, may be submitted with the thesis if they have a bearing on the subject of the thesis.
- the thesis shall contain an abstract of not more than 300 words.

8.4 Except with the specific permission of the Academic Board, the thesis must be presented in the English language. Such permission must be sought at the time of application for registration, and will not be granted solely on the grounds that the candidates ability to satisfy the examiners will be affected adversely by the requirement to present the thesis in English.

8.5 Subject to QUT's Intellectual Property policy, the copyright of the thesis is vested in the candidate.

8.6 Where a candidate or the sponsoring establishment wishes the thesis to remain confidential for a period of time after completion of the work, application for approval must be made to the Academic Board when the thesis is submitted. The period of confidentiality normally shall not exceed two years from the date on which the examiners recommend acceptance of the thesis, during which time the thesis will be held on restricted access in the QUT Library.

## 9. Examination of Thesis

9.1 The Academic Board shall appoint at least two examiners, of whom at least one shall be from outside the University. Normally examiners will be required to agree to read and report upon the thesis within two months of its receipt.

9.2 A candidate may be required to make an oral defence of the thesis.

9.3 On receipt of satisfactory reports from the examiners, and when the provisions of 7.1 have been fulfilled, the Academic Board shall recommend to University Academic Board that the candidate be awarded the degree.

9.4 If the examiners reports are conflicting, the Academic Board may, after appropriate consultation with the Principal Supervisor, seek advice from a further external examiner.

9.5 If, on the basis of the examiners reports, the Academic Board does not recommend that the degree be awarded, then it shall:

- permit the student to resubmit the thesis within one year for re-examination, or
- cancel the students registration.

If a candidate is required to revise and resubmit a thesis, the examiners reports will be made available to the candidate, the anonymity of the examiners being maintained.

9.6 After the examination process is complete, examiners reports are to be made available to the candidate on request. The names of examiners will be released on request providing the examiner has indicated willingness to have his/her identity revealed to the candidate.

## Coursework

The unit IFN001 Advanced Information Retrieval Skills (4 credit points) should normally be included.

The coursework units for individual strands are as follows. All the units shown are units designed for this course. Selections from other courses may be approved.

## Course Structure

### Chemistry Strand

PCN701	Topics in Advanced Chemistry 1
PCN705-1	Research Methodology
PCN801	Topics in Advanced Chemistry 2
Select two of the following Electives Units:	
PCN710	Chemical Instrumentation
PCN720	Chemometrics
PCN730	Advanced Physical Methods in Chemistry
PCN740	Laboratory Techniques for Preparative Chemistry

### Ecology, Environmental Science & Geoscience Strands

Essential units:	
NRN100	Readings in Natural Resource Sciences 1
NRN102	Seminars in Natural Resource Sciences 1
NRN103	Seminars in Natural Resource Sciences 2
Select up to two of the following units if required:	
NRN101	Readings in Natural Resource Sciences 2
NRN104	Advanced Topics in Natural Resource Sciences 1
NRN105	Advanced Topics in Natural Resource Sciences 2

### Life Science Strand

LSN011	Research Seminars in Life Science 1
LSN013	Readings in Life Science 3
LSN023	Research Seminars in Life Science 3

### Mathematics Strand

Selections from other School programs, such as MA75 Graduate Diploma in Mathematical Science and MA85 Master of Mathematical Science, to a maximum of 60 credit points

### Physics Strand

PCN715	Advanced Topics in Physics 1
PCN716	Advanced Topics In Physics 2
and/or alternative unit(s) approved by the Physics coordinator	

## Research Work

The Research Work component of the degree must constitute at least 128 credit points. The units below have been devised to represent the EFTSU (Effective Full-time Student Unit) and attendance type of graduate research students.

## Full-time Students

The minimum number of credit points per semester for full-time status is 36. The standard number is 48. At the end of each semester a grade of T - Assessment Continues will be awarded in any IFNXXX units provided satisfactory progress is being maintained. A final grade (S - Satisfactory or U - Unsatisfactory) will be awarded once the thesis has been examined according to the degree rules.

## Full-time Course Structure

Full-time students undertaking research but no coursework units enrol in IFN100 Full-Time Masters Research

Full-time students who are required to undertake coursework units in addition to their research as part of their masters enrolment should enrol in a combination of the following units. These should total (in combination with the coursework unit/s) as close as possible to 48 credit points per semester.

IFN300	Masters Research (36 credit points)
IFN301	Masters Research (24 credit points)
IFN302	Masters Research (12 credit points)
IFN303	Masters Research (8 credit points)
IFN304	Masters Research (6 credit points)

## Part-time Students

The maximum number of credit points per semester for part-time status is 36. The standard number is 24. At the end of each semester a grade of T - Assessment Continues will be awarded in any IFNXXX units provided satisfactory progress is being maintained. A final grade (S - Satisfactory or U - Unsatisfactory) will be awarded once the thesis has been examined according to degree rules.

## Part-time Course Structure

Part-time students undertaking research but no coursework units enrol in: IFN200 Part-Time Masters Research

Part-time students who are required to undertake coursework units in addition to their research as part of their masters enrolment should enrol in a combination of the following units. These should total (in combination with the coursework unit/s) as close as possible to 24 credit points:

IFN302	Masters Research (12 credit points)
IFN303	Masters Research (8 credit points)
IFN304	Masters Research (6 credit points)

## ■ Master of Biotechnology (LS80)

**Award title:** Master of Applied Science (Life Science)

**CRICOS code:** 018479B

**Location:** Gardens Point

**Course duration (full-time):** 1.5 years

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Mark O'Brien

## Special Entry Requirements

### *Master of Biotechnology Research Project Component*

Students must discuss research project areas prior to enrolment in this course to select both a suitable project and a project supervisor(s) prior to entry (or as soon as possible thereafter). While the School of Life Sciences has a wide range of research project areas available, it may not always be possible for students to conduct a research project exactly in the area they desire. Part-time students may also elect to do a research project at their place of work, with both a workplace supervisor and a QUT supervisor. Alternative options are available.

If students do not undertake a research project, additional coursework must be completed. Students will need to consult with the course coordinator in selecting additional coursework units. Please contact the course coordinator for further information and assistance in this regard.

## Professional Recognition

Graduates are eligible to join the AusBiotech, the Australian Society for Biochemistry and Molecular Biology, and the Australian Society for Microbiology.

## Course Design

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student's background and area of interest in biotechnology.

The course consists of two stages: Stage 1 (Graduate Diploma in Biotechnology - LS70) and Stage 2 (Master of Biotechnology - LS80).

The Graduate Diploma in Biotechnology comprises 96 credit points of assessed coursework in medical, plant and/or general biotechnology. Students can graduate with a Graduate Diploma in Biotechnology after successfully completing Stage 1. Students commencing in July enrol in semester two units first. Credit will not be given for any units already taken within an undergraduate degree, as students are expected to undertake a program of study that extends the coursework studied within an undergraduate degree.

In Stage 2, the Master of Biotechnology - LS80, students may undertake a supervised research project either at QUT or in the workplace. Students must discuss research project areas prior to enrolment in this course to select both a suitable project and a project supervisor(s) prior to entry (or as soon as possible thereafter). While the School of Life Sciences has a wide range of research project areas available, it may not always be possible for students to conduct a research project exactly in the area they desire. Part-time students may also elect to do a research project at their place of work, with both a workplace supervisor and a QUT supervisor. Alternative options are available.

If students do not undertake a research project, additional coursework must be completed. Students will need to consult with the course coordinator in selecting additional coursework units. Please contact the course coordinator for further information and assistance in this regard.

## Full-time Course Structure

### *Year 1, Semester 1*

LSP127	Business Aspects of Biotechnology
	Either
LSB509	Medical Biotechnology
	Or
LSB577	Plant Biotechnology 1
	In consultation with the course coordinator, choose 24 credit points from the following units:
LSB537	Genetic Engineering
LSB509	Medical Biotechnology
LSB577	Plant Biotechnology 1
LSB850-1	Research Strategies
JSN014	Law, Justice and New Genetic Technologies
HHB270	Gene Technology And Ethics
IBN408	Global Business Operations
MAB523	Introduction to Quality Management
GSN408	Fundamentals of Marketing Management
GSN418	Marketing Strategy Development
	Students who qualify for an exemption from LSB509 or LSB577 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

### *Year 1, Semester 2*

BSB311	Research, Development and Commercialisation Strategies, either
	LSB609 Medical Biotechnology 2, or
LSB677	Plant Biotechnology 2
	In consultation with the course coordinator, choose 24 credit points from the following units:
LSB619	Genomics & Bioinformatics
LSB609	Medical Biotechnology 2
LSB677	Plant Biotechnology 2
LSB850-1	Research Strategies
LSB607	Protein Purification

MGN409	Introduction to Management
GSN408	Fundamentals of Marketing Management
GSN418	Marketing Strategy Development
MGN428	Managing New Businesses
Students who qualify for an exemption from LSB609 or LSB677 on the basis of undergraduate studies are required to undertake an additional unit from the list above.	

**Year 2, Semester 1**

LSN710 Project  
Please note: Students who will NOT be undertaking a research project choose 48 credit points from the following units in consultation with the course coordinator. No credit will be given for any units already taken within an undergraduate degree. You are expected to undertake a program of study that extends the coursework within your undergraduate degree.

LSB509	Medical Biotechnology
LSB577	Plant Biotechnology 1
LSB537	Genetic Engineering
LSB850-1	Research Strategies
JSN014	Law, Justice and New Genetic Technologies
LSN160	Epidemiology for Life Scientists
HHB270	Gene Technology And Ethics
IBN408	Global Business Operations
MAB523	Introduction to Quality Management
GSN408	Fundamentals of Marketing Management
GSN418	Marketing Strategy Development
Students who qualify for an exemption from LSB509 or LSB577 on the basis of undergraduate studies are required to undertake an additional unit from the list above.	

**Part-time Course Structure****Year 1, Semester 1**

LSP127	Business Aspects of Biotechnology
Either	
LSB509	Medical Biotechnology
Or	
LSB577	Plant Biotechnology 1

**Year 1, Semester 2**

BSB311	Research, Development and Commercialisation Strategies
Either	
LSB609	Medical Biotechnology 2
Or	
LSB677	Plant Biotechnology 2

**Year 2, Semester 1**

In consultation with the course coordinator, select 24 credit points under Year 1 Semester 1 in the above full-time course

**Year 2, Semester 2**

In consultation with the course coordinator, select 24 credit points under Year 1 Semester 2 in the above full-time course

**Year 3, Semester 1**

LSN711 Project 1  
For those students who will not be undertaking a research project, in consultation with the course coordinator, select 24 credit points under Year 1 Semester 1 in the above full-time course

**Year 3, Semester 2**

LSN712 Project 2  
For those students who will not be undertaking a research project, in consultation with the course coordinator, select 24 credit points under Year 1 Semester 2 in the above full-time course

**■ Master of Cardiac Ultrasound (PH85)**

**Award title:** Master of Cardiac Ultrasound

**Location:** Gardens Point

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Bonita Anderson

**Professional Recognition**

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

**Course Design**

This course consists of two stages. Stage 1 (Graduate Diploma in Cardiac Ultrasound - PH75) takes two years of part-time study to complete. Students must be employed in a suitable clinical practice with adequate access to clinical cardiac ultrasound

experience for the duration of the course. If students are not based in Brisbane, this structure allows attendance by offering the formal classroom component in an intensive one-week block in each semester.

Stage 2 (Master of Cardiac Ultrasound - PH85) involves the completion of a research project and submission of a thesis. Students can undertake this project internally at QUT, or externally under QUT staff supervision and the guidance of a suitable external supervisor. This stage would normally take one year part-time to complete.

**Course Structure**

**STAGE 1:** To complete Stage 1, students must complete the units listed below (total 96 credit points):

**First Semester**

LSN259	Cardiac Anatomy, Embryology and Pathology
PCN162	Principles of Medical Ultrasound
PCN497-1	Clinical Attachment 4

**Second Semester**

PCN259	Cardiac Ultrasound 1
PCN497-2	Clinical Attachment 4

**Third Semester**

PCN218	Research Methodology and Professional Studies
PCN359	Cardiac Ultrasound 2
PCN597-1	Clinical Attachment 5

**Fourth Semester**

PCN459	Advanced Cardiac Ultrasound
PCN597-2	Clinical Attachment 5

**Note:** The PCN497 and PCN597 clinical attachment units are 2 semester units.

**STAGE 2:** \*To complete Stage 2, students must complete the units listed below (48 credit points):

**First Semester \*\* (Project Over Two Semesters)**

PCN640-1	Project
PCN640-2	Project

**Notes:** A student may request an extension of time in which to submit the project report for assessment. A request for an extension of time up to a maximum of six months should be made in writing through the Head of School to the Dean. Any request for a further extension, or any request for an extension to a date later than six months after the original due date, shall be made to the Academic Board. The Academic Board may grant the extension under such conditions as it may consider appropriate, or may award the student a "Fail" result in the project unit.

A student who has received a 'Fail' result in the project unit may re-enrol in the unit only in exceptional circumstances and with the express permission of the Academic Board.

\*Masters project units are offered in both semesters.

\*\*Second Semester enrolments for PH85 will only be accepted under the following circumstances:

1. Students who have successfully completed PH75 Graduate Diploma in Cardiac Ultrasound may enrol into the Masters project (PCN640-1) in second semester.

2. Students who have completed the Cardiac DMU and who are eligible to apply for advanced standing may enrol into PH85 in second semester#

# Under university rules and regulations, these students are required to undertake 50% of the coursework for PH85. Therefore, in addition to the Masters project, students will be required to complete two other units (PCN218 Research Methodology and Professional Studies and PCN459 Advanced Cardiac Ultrasound).

**■ Master of Lighting (PH82)**

**Award title:** Master of Lighting

**Location:** Gardens Point

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Ian Cowling

**Entry Requirements**

Bachelor of Applied Science degree (or equivalent) in an appropriate field of science, engineering, architecture and demonstrated advanced experience (minimum 2 years) in the lighting industry, or successful completion of PH72 Graduate Diploma of Lighting or equivalent.

### Course Design

Masters students will undertake a 24 credit point research project, which may be based within their place of employment and two units (24 credit points) of coursework which may be reading topics associated with their project or other electives taken from any relevant units within the University, on approval of the Course Coordinator.

### Course Structure

#### First Semester (July to October)

PCN121 Vision Colour and Photometry

PCN124 Lamps and Luminaires

#### Second Semester (February to June)

PCN122 Lighting Design

PCN123 Sustainability and Human Factors

#### Third Semester (July to October)

PCN223 Lighting Applications

Elective - One unit from:

MEN272 Enterprise Resource Planning

PCN222 Advanced Lighting Design

PCN224 Lighting Project 1

#### Fourth Semester (February to June)

PCN221 Best Practices in Lighting

Elective - One unit from:

CNP520 Project Management

CNP521 Project Cost and Risk Management

MEN177 Total Quality Management

PCN224 Lighting Project 1

#### Fifth Semester (July to October)

PCN321 Reading Topic 1

Or approved elective

PCN322 Reading Topic 2

Or approved elective

#### Six Semester (February to June)

PCN320 Lighting Project

**Note:** Year 3 of the Master of Lighting may also be taken full-time.

Electives in the Master of Lighting can be taken from any relevant units within the University, and must be approved by the Course Coordinator.

## ■ Master of Mathematical Science (MA85)

**Award title:** Master of Mathematical Science

**CRICOS code:** 046042K

**Location:** Gardens Point

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Vo Anh

### Course Design

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student's background and area of interest within the mathematical sciences.

For the Masters program, at least 36 credit points must be taken from postgraduate mathematics units other than Mathematical Foundations and/or Mathematics. Up to 24 credit points can be taken from units other than mathematics units and there is a limit of 48 credit points from project units.

### Course Structure

A planned program of study should be decided in consultation with the Course Coordinator. It will take into account the student's background and area of interest within the mathematical sciences. Strands represent areas of the mathematical sciences which may be of interest to students and the units listed under each strand can guide students in developing their planned program. Students will usually select units from one or two strands only.

The following postgraduate mathematics units are available in all strands (subject to the limit on credit points from project units):

MAN200 Mathematical Foundations

MAN201 Mathematics

MAN700 Project

MAN717 Minor Project

MAN787-1 Project

MAN787-2 Project

MAN787-3 Project

To undertake any of the project units, permission from the Course Coordinator is required. If students wish to take any of the above units they will need to discuss their plans and the proposed content with the Course Coordinator.

### Strand Information

The following strand information is to assist students with unit selection. Students do not have to enrol in all units listed for a strand. The prerequisite units are given as a guide. Depending on a student's background, they may have already covered some of the units listed (or equivalent units) in their undergraduate studies. If students have not studied any mathematics for some time, they may need to undertake one or two units prior to commencing those listed in the strand information.

#### Mathematical Modelling/Applied Mathematics

Postgraduate Mathematics Units:

MAN761 Analysis

MAN762 Field Theory

MAN764 Applied Mathematical Modelling

MAN774 Perturbation Methods

Prerequisite Units:

MAB111 Mathematical Sciences 1B

MAB112 Mathematical Sciences 1C

MAB311 Advanced Calculus

MAB312 Linear Algebra

MAB413 Differential Equations

MAB422 Mathematical Modelling

MAB521 Applied Mathematics 3

MAB613 Partial Differential Equations

MAB672 Advanced Mathematical Modelling

#### Computational Mathematics

Postgraduate Mathematics Unit:

MAN771 Computational Mathematics 4

Prerequisite Units:

MAB111 Mathematical Sciences 1B

MAB112 Mathematical Sciences 1C

MAB220 Computational Mathematics 1

MAB311 Advanced Calculus

MAB312 Linear Algebra

MAB420 Computational Mathematics 2

MAB522 Computational Mathematics 3

**Note:** MAB480 Introduction to Scientific Computation or ITN600 Programming Principles or ITB111 Software Development 1 or knowledge of programming is required.

#### Discrete Mathematics

Postgraduate Mathematics Unit:

MAN778 Applications of Discrete Mathematics

Prerequisite Units:

MAB112 Mathematical Sciences 1C

MAB621 Discrete Mathematics

#### Statistics/Statistical Modelling

Postgraduate Mathematics Units:

MAN526 Time Series Analysis

MAN624 Applied Statistics

MAN765 Bayesian Data Analysis

MAN766 Applied Time Series Analysis

MAN775 Statistical Modelling of Financial Processes

Prerequisite Units:

MAB101 Statistical Data Analysis 1

MAB111 Mathematical Sciences 1B

MAB112 Mathematical Sciences 1C

MAB210 Statistical Modelling 1

MAB314 Statistical Modelling 2

MAB414 Applied Statistics 2

MAB524 Statistical Inference

#### Quantitative Analysis/Financial Mathematics

Postgraduate Mathematics Units:

MAN526 Time Series Analysis

MAN624 Applied Statistics

MAN765 Bayesian Data Analysis

MAN766 Applied Time Series Analysis

MAN769 Mathematics of Finance

MAN775	Statistical Modelling of Financial Processes
Prerequisite Units:	
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB524	Statistical Inference
MAB623	Financial Mathematics

**Operations Research**

Postgraduate Mathematics Units:	
MAN768	Advanced Techniques in Operations Research
Prerequisite Units:	
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1
MAB315	Operations Research 2
MAB525	Operations Research 3A
MAB625	Operations Research 3B

**Scientific Computation and Visualisation**

MAN681	Advanced Visualisation and Data Analysis
Prerequisite Mathematics Units:	
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB480	Introduction to Scientific Computation
MAB481	Visualisation and Data Analysis
MAB580	Scientific Computation

**Mathematics for Secondary Teaching**

Postgraduate mathematics units:	
MAN700	Project
Plus at least one other postgraduate mathematics unit (or other combination to give at least 36 credit points from appropriate postgraduate mathematics units)	
Other mathematics units:	
Students would usually select across a range of areas of mathematics and statistics	
Non-mathematics units:	
Students can select up to 24 credit points from units offered by the Faculty of Education related to the teaching of mathematics	

## ■ Graduate Diploma in Applied Science (SC71)

**Award title:** Graduate Diploma in Applied Science

**CRICOS code:** 020314E

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Peter Fredericks

**Discipline coordinator:** Dr Godwin Ayoko (Chemistry); Dr Mark O'Brien (Life Science); Professor Vo Anh (Mathematics); Associate Professor Peter Mather (Natural Resource Sciences); Associate Professor Brian Thomas (Physics)

**Entry Requirements**

Applicants must possess a bachelor degree in applied science or equivalent qualification, or other evidence of qualifications that satisfy the Faculty Academic Board that the applicant possesses the capacity to pursue the course of study.

**Course Design**

This coursework program allows students to complete a minor project in some disciplines. The assessed coursework may include advanced lecture courses, seminars, reading courses or independent study designed to focus on information retrieval skills. Coursework units are chosen from those in the Master of

Applied Science course, and may contain units from other postgraduate courses, the Bachelor of Applied Science (Honours) program or advanced undergraduate programs.

Candidates of the Graduate Diploma in Applied Science undertake a program of coursework, or coursework and a minor research project, as approved by the Academic Board on the advice of the Head of School.

Students must complete a total of 96 credit points which may consist of between 60 and 96 credit points of coursework, and up to 36 credit points as a minor research project.

Coursework units will be selected from the specific units available within the Master of Applied Science (PH80) course and may contain units selected from other postgraduate courses or advanced undergraduate courses where the background of the student requires this.

**Course Structure****Chemistry Strand**

PCN701	Topics in Advanced Chemistry 1
PCN705-1	Research Methodology
PCN710	Chemical Instrumentation
PCN720	Chemometrics
PCN730	Advanced Physical Methods in Chemistry
PCN740	Laboratory Techniques for Preparative Chemistry
PCN801	Topics in Advanced Chemistry 2

**Ecology, Environmental Science & Geoscience Strands**

NRN100	Readings in Natural Resource Sciences 1
NRN101	Readings in Natural Resource Sciences 2
NRN102	Seminars in Natural Resource Sciences 1
NRN104	Advanced Topics in Natural Resource Sciences 1
NRN105	Advanced Topics in Natural Resource Sciences 2
And units approved by the Strand Coordinator	

**Life Science Strand**

LSN011	Research Seminars in Life Science 1
LSN013	Readings in Life Science 3
LSN023	Research Seminars in Life Science 3

**Mathematics Strand**

Units selected from other programs, such as MA75 Graduate Diploma in Mathematical Science and MA85 Master of Mathematical Science, offered by the School of Mathematical Sciences and approved by the Mathematics coordinator.

**Physics Strand**

PCN715	Advanced Topics in Physics 1
PCN716	Advanced Topics In Physics 2
And/or alternative unit(s) approved by the Physics Coordinator	

## ■ Graduate Diploma in Applied Science (Medical Physics) (PH71)

**Award title:** Graduate Diploma in Applied Science (Medical Physics)

**CRICOS code:** 020315D

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Brian J Thomas

**Discipline coordinator:** Dr Greg Michael

**Course Design**

This degree comprises assessed coursework such as advanced lectures, seminars, reading courses or independent study. If undertaken full-time, students will need an average of 14 hours a week of formal contact.

Students who have completed the Graduate Diploma may enter Stage 2 of the Master of Applied Science - PH80 where they

undertake a program of supervised research and investigation that can be completed at QUT, or in a suitable external institution.

### Course Structure

#### First Semester (February to June)

LSB142	Human Anatomy and Physiology
PCN113	Radiation Physics
PCN114	Microprocessors and Instrumentation
PCN211	Physics of Medical Imaging

#### Second Semester (July to October)

PCN112	Medical Imaging Science
PCN212	Radiotherapy Physics
PCN214	Health and Occupational Physics
PCN218	Research Methodology and Professional Studies

#### Mid-Year Entry Course Structure

##### First Semester (July to October)

PCN112	Medical Imaging Science
PCN212	Radiotherapy Physics
PCN214	Health and Occupational Physics
PCN218	Research Methodology and Professional Studies

##### Second Semester (February to June)

LSB142	Human Anatomy and Physiology
PCN113	Radiation Physics
PCN114	Microprocessors and Instrumentation
PCN211	Physics of Medical Imaging

## ■ Graduate Diploma in Applied Science (Medical Ultrasound) (PH71)

**Award title:** Graduate Diploma in Applied Science (Medical Ultrasound)

**Location:** Gardens Point

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Brian J Thomas

**Discipline coordinator:** Lynette Hassall

### Professional Recognition

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

### Course Design

This degree consists of two stages. Stage 1 (Graduate Diploma - PH71) takes four semesters of part-time study to complete. Students must show that they have access to suitable clinical experience for the duration of Stage 1 before beginning the degree. Lectures are conducted in intensive 4-5 week blocks in each semester. Students undertake clinical experience throughout the semester.

Stage 2 (Master of Applied Science - PH80) involves completion of a research project and submission of a thesis. Students can undertake this project externally under QUT staff supervision on appointment of a suitable external supervisor. This stage takes two semesters part-time to complete after successful completion of Stage 1.

### Part-time Course Structure

**STAGE 1:** Students must complete the units listed below (total 96 credit points)

#### Semester 1

PCN159	Ultrasonic Examination 1
PCN162	Principles of Medical Ultrasound
PCN197-1	Clinical Attachment 1

#### Semester 2

PCN197-2	Clinical Attachment 1
PCN356	Ultrasonic Examinations 2

#### Semester 3

PCN297-1	Clinical Attachment 2
PCN355	Vascular Ultrasound
PCN357	Advanced Ultrasound Topics

#### Semester 4

PCN218	Research Methodology and Professional Studies
PCN297-1	Clinical Attachment 2

**Notes:** The PCN197 and PCN297 clinical attachment units are 2 semester units

Each clinical attachment unit (ie PCN197 and PCN297) involves clinical experience in the order of 3 days per week or equivalent.

## ■ Graduate Diploma in Biotechnology (LS70)

**Award title:** Graduate Diploma in Biotechnology

**CRICOS code:** 016957B

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Mark O'Brien

### Professional Recognition

Graduates are eligible to join the AusBiotech, the Australian Society for Biochemistry and Molecular Biology, and the Australian Society for Microbiology.

### Course Design

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student's background and area of interest in biotechnology.

The course consists of two stages: Stage 1 (Graduate Diploma in Biotechnology - LS70) and Stage 2 (Master of Biotechnology - LS80).

The Graduate Diploma in Biotechnology comprises 96 credit points of assessed coursework in medical, plant and/or general biotechnology. Students can graduate with a Graduate Diploma in Biotechnology after successfully completing Stage 1. Students commencing in July enrol in semester two units first. Credit will not be given for any units already taken within an undergraduate degree, as students are expected to undertake a program of study that extends the coursework studied within an undergraduate degree.

In Stage 2, the Master of Biotechnology - LS80), students may undertake a supervised research project either at QUT or in the workplace. Students must discuss research project areas prior to enrolment in this course to select both a suitable project and a project supervisor(s) prior to entry (or as soon as possible thereafter). While the School of Life Sciences has a wide range of research project areas available, it may not always be possible for students to conduct a research project exactly in the area they desire. Part-time students may also elect to do a research project at their place of work, with both a workplace supervisor and a QUT supervisor. Alternative options are available.

If students do not undertake a research project, additional coursework must be completed. Students will need to consult with the course coordinator in selecting additional coursework units. Please contact the course coordinator for further information and assistance in this regard.

### Full-time Course Structure

#### Year 1, Semester 1

LSP127	Business Aspects of Biotechnology
	Either
LSB509	Medical Biotechnology
	Or
LSB577	Plant Biotechnology 1
	In consultation with the course coordinator, choose 24 credit points from the following units:
LSB537	Genetic Engineering
LSB509	Medical Biotechnology
LSB577	Plant Biotechnology 1
LSB850-1	Research Strategies
JSN014	Law, Justice and New Genetic Technologies
HHB270	Gene Technology And Ethics
IBN408	Global Business Operations
MAB523	Introduction to Quality Management
GSN408	Fundamentals of Marketing Management
GSN418	Marketing Strategy Development

Students who qualify for an exemption from LSB509 or LSB577 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

#### **Year 1, Semester 2**

- BSB311 Research, Development and Commercialisation Strategies  
Either
- LSB609 Medical Biotechnology 2  
Or
- LSB677 Plant Biotechnology 2  
In consultation with the course coordinator, choose 24 credit points from the following units:
- LSB619 Genomics & Bioinformatics  
LSB609 Medical Biotechnology 2  
LSB677 Plant Biotechnology 2  
LSB850-1 Research Strategies  
LSB607 Protein Purification  
MGN409 Introduction to Management  
GSN408 Fundamentals of Marketing Management  
GSN418 Marketing Strategy Development  
MGN428 Managing New Businesses

Students who qualify for an exemption from LSB609 or LSB677 on the basis of undergraduate studies are required to undertake an additional unit from the list above.

#### **Part-time Course Structure**

##### **Year 1, Semester 1**

- LSP127 Business Aspects of Biotechnology  
Either
- LSB509 Medical Biotechnology  
Or

- LSB577 Plant Biotechnology 1

##### **Year 1, Semester 2**

- BSB311 Research, Development and Commercialisation Strategies  
Either
- LSB609 Medical Biotechnology 2  
Or
- LSB677 Plant Biotechnology 2

##### **Year 2, Semester 1**

In consultation with the course coordinator, select 24 credit points under Year 1 Semester 1 in the above full-time course

##### **Year 2, Semester 2**

In consultation with the course coordinator, select 24 credit points under Year 1 Semester 2 in the above full-time course

## **■ Graduate Diploma in Cardiac Ultrasound (PH75)**

**Award title:** Graduate Diploma in Cardiac Ultrasound

**Location:** Gardens Point

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Bonita Anderson

#### **Professional Recognition**

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

#### **Course Design**

This course consists of two stages. Stage 1 (Graduate Diploma in Cardiac Ultrasound - PH75) takes two years of part-time study to complete. Students must be employed in a suitable clinical practice with adequate access to clinical cardiac ultrasound experience for the duration of the course. If students are not based in Brisbane, this structure allows attendance by offering the formal classroom component in an intensive one-week block in each semester.

Stage 2 (Master of Cardiac Ultrasound - PH85) involves the completion of a research project and submission of a thesis. Students can undertake this project internally at QUT, or externally under QUT staff supervision and the guidance of a suitable external supervisor. This stage would normally take one year part-time to complete.

#### **Course Structure**

##### **First Semester**

- LSN259 Cardiac Anatomy, Embryology and Pathology  
PCN162 Principles of Medical Ultrasound  
PCN497-1 Clinical Attachment 4

##### **Second Semester**

- PCN259 Cardiac Ultrasound 1  
PCN497-2 Clinical Attachment 4

##### **Third Semester**

- PCN218 Research Methodology and Professional Studies  
PCN359 Cardiac Ultrasound 2  
PCN597-1 Clinical Attachment 5

##### **Fourth Semester**

- PCN459 Advanced Cardiac Ultrasound  
PCN597-2 Clinical Attachment 5

**Note:** The PCN497 and PCN597 clinical attachment units are 2 semester units.

## **■ Graduate Diploma in Lighting (PH72)**

**Award title:** Graduate Diploma in Lighting

**Location:** Gardens Point

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Ian Cowling

#### **Entry Requirements**

Bachelor of Applied Science degree (or equivalent) in an appropriate field of science, engineering, architecture and demonstrated advanced experience (minimum 2 years) in the lighting industry, or successful completion of PH62 Graduate Certificate of Lighting or equivalent.

#### **Course Design**

Graduate Diploma students will undertake 24 credit points (two units) of advanced lighting design and applications studies and two other units (24 credit points) which could include at least one unit in Project Management, Project Cost and Risk Management or Quality Management.

#### **Course Structure**

##### **First Semester (July to October)**

- PCN121 Vision Colour and Photometry  
PCN124 Lamps and Luminaires

##### **Second Semester (February to June)**

- PCN122 Lighting Design  
PCN123 Sustainability and Human Factors

##### **Third Semester (July to October)**

- PCN223 Lighting Applications  
Elective - One unit from:  
MEN272 Enterprise Resource Planning  
PCN222 Advanced Lighting Design  
PCN224 Lighting Project 1

##### **Fourth Semester (February to June)**

- PCN221 Best Practices in Lighting  
Elective - One unit from:  
CNP520 Project Management  
CNP521 Project Cost and Risk Management  
MEN177 Total Quality Management  
PCN224 Lighting Project 1

**Note:** PCN224 is not available in Semester 2 if taken in Semester 1

## **■ Graduate Diploma in Mathematical Science (MA75)**

**Award title:** Graduate Diploma in Mathematical Science

**CRICOS code:** 046041M

**Location:** Gardens Point

**Course duration (full-time):** 1 year

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Vo Anh

## Course Design

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student's background and area of interest within the mathematical sciences.

In the Graduate Diploma, at least 24 credit points must be taken from postgraduate mathematics units other than Mathematical Foundations and/or Mathematics. Up to 24 credit points can be taken from units other than mathematics units and there is a limit of 36 credit points from project units.

## Course Structure

A planned program of study should be decided in consultation with the Course Coordinator. It will take into account the student's background and area of interest within the mathematical sciences. Strands represent areas of the mathematical sciences which may be of interest to students and the units listed under each strand can guide students in developing their planned program. Students will usually select units from one or two strands only. The unit MAN700 Project can be used to satisfy the rule requiring at least 24 credit points from postgraduate mathematics units other than MAN200 and/or MAN201.

The following postgraduate mathematics units are available in all strands (subject to the limit on credit points from project units):

MAN200	Mathematical Foundations
MAN201	Mathematics
MAN700	Project
MAN717	Minor Project
MAN787-1	Project
MAN787-2	Project
MAN787-3	Project

To undertake any of the project units, permission from the Course Coordinator is required. If students wish to take any of the above units they will need to discuss their plans and the proposed content with the Course Coordinator.

## Strand Information

The following strand information is to assist students with unit selection. Students do not have to enrol in all units listed for a strand. The prerequisite units are given as a guide. Depending on a student's background, they may have already covered some of the units listed (or equivalent units) in their undergraduate studies. If students have not studied any mathematics for some time, they may need to undertake one or two units prior to commencing those listed in the strand information.

### Mathematical Modelling/Applied Mathematics

	Postgraduate Mathematics Units:
MAN761	Analysis
MAN762	Field Theory
MAN764	Applied Mathematical Modelling
MAN774	Perturbation Methods

Prerequisite Units:

MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB413	Differential Equations
MAB422	Mathematical Modelling
MAB521	Applied Mathematics 3
MAB613	Partial Differential Equations
MAB672	Advanced Mathematical Modelling

### Computational Mathematics

	Postgraduate Mathematics Unit:
MAN771	Computational Mathematics 4

Prerequisite Units:

MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB220	Computational Mathematics 1
MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB420	Computational Mathematics 2
MAB522	Computational Mathematics 3

Note: MAB480 Introduction to Scientific Computation or ITN600 Programming Principles or ITB111 Software Development 1 or knowledge of programming is required.

### Discrete Mathematics

	Postgraduate Mathematics Unit:
MAN778	Applications of Discrete Mathematics

Prerequisite Units:

MAB112	Mathematical Sciences 1C
MAB621	Discrete Mathematics

### Statistics/Statistical Modelling

	Postgraduate Mathematics Units:
MAN526	Time Series Analysis
MAN624	Applied Statistics
MAN765	Bayesian Data Analysis
MAN766	Applied Time Series Analysis
MAN775	Statistical Modelling of Financial Processes

Prerequisite Units:

MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1
MAB314	Statistical Modelling 2
MAB414	Applied Statistics 2
MAB524	Statistical Inference

### Quantitative Analysis/Financial Mathematics

	Postgraduate Mathematics Units:
MAN526	Time Series Analysis
MAN624	Applied Statistics
MAN765	Bayesian Data Analysis
MAN766	Applied Time Series Analysis
MAN769	Mathematics of Finance
MAN775	Statistical Modelling of Financial Processes

Prerequisite Units:

MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB524	Statistical Inference
MAB623	Financial Mathematics

### Operations Research

	Postgraduate Mathematics Units:
MAN768	Advanced Techniques in Operations Research

Prerequisite Units:

MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1
MAB315	Operations Research 2
MAB525	Operations Research 3A
MAB625	Operations Research 3B

### Scientific Computation and Visualisation

MAN681	Advanced Visualisation and Data Analysis
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Prerequisite Mathematics Units:

MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB480	Introduction to Scientific Computation
MAB481	Visualisation and Data Analysis
MAB580	Scientific Computation

## Mathematics for Secondary Teaching

Postgraduate mathematics units:

MAN700	Project
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Or other postgraduate mathematics units provided you are able to satisfy the prerequisites.

Other mathematics units:

Students would usually select across a range of areas of mathematics and statistics.

Non-mathematics units:

Students could select up to 24 credit points from units offered by the Faculty of Education related to the teaching of mathematics.



## ■ Graduate Diploma in Medical Science (Anatomical Pathology) (LS90)

**Award title:** Graduate Diploma in Medical Science (Study Area A)

**Location:** Gardens Point

**Course duration (part-time):** 2 years

**Total credit points:** 96

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Trevor Forster

### Course Structure

#### First Semester (January to February)

LSN220 Surgical Anatomy

LSN223-1 Surgical Grossing

#### Second Semester (March to June)

LSN221-1 Pathology

LSN223-2 Surgical Grossing

#### Third Semester (July to November)

LSN221-2 Pathology

LSN223-3 Surgical Grossing

#### Fourth Semester (January to February following year)

JSN014 Law, Justice and New Genetic Technologies

LSN223-4 Surgical Grossing

## ■ Graduate Certificate in Applied Science (Breast Ultrasound) (PH60)

**Award title:** Graduate Certificate in Applied Science (Breast Ultrasound)

**Location:** Gardens Point

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Brian J Thomas

**Discipline coordinator:** Lynette Hassall

### Professional Recognition

This course is accredited with the Australasian Sonographer Accreditation Registry (ASAR).

### Course Structure

To complete the Graduate Certificate in Applied Science (Breast Ultrasound) students must complete the units listed below (total 48 credit points)

#### Semester 1

PCN162 Principles of Medical Ultrasound

PCN187 Specialist Studies

PCN397-1 Clinical Attachment 3

#### Semester 2

PCN184 Breast Imaging

PCN397-2 Clinical Attachment 3

Note: The PCN397 clinical attachment unit is a 2 semester unit.

## ■ Graduate Certificate in Lighting (PH62)

**Award title:** Graduate Certificate in Lighting

**Location:** Gardens Point

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Ian Cowling

### Entry Requirements

The graduate certificate program assumes some basic knowledge of both the art and science of lighting. To be eligible to enrol in the graduate certificate program an applicant will normally be expected to have completed a relevant undergraduate degree in architecture, engineering or science. Applicants without these qualifications, but working in some recognised area of lighting, may also be eligible to enrol in the graduate certificate program, but may be required to undertake appropriate bridging units prior to enrolment.

### Course Design

Graduate Certificate students will undertake four units (12 credit points each) covering the perception, specification and measurement of light, lamp and luminaire design, lighting design and particularly lighting applications.

### Course Structure

#### First Semester (July to October)

PCN121 Vision Colour and Photometry

PCN124 Lamps and Luminaires

#### Second Semester (February to June)

PCN122 Lighting Design

PCN123 Sustainability and Human Factors

**Notes:** Semesters 1 and 2 as designated here refer to semesters through the course, where Semester 1 units are offered in Semester 2 of a calendar year

It is anticipated that PH62 will be offered in two formats in 2005.

Students may elect to undertake the course internally (as offered in 2004), comprising a lecture/tutorial/practical format. Each unit will be offered in block form on evenings and weekends over about a six week period.

Alternatively students may undertake the course on-line, where the majority of material, including assessment, is presented on the web. Study in each unit will still be contained within the same time frame as the internal students in that unit. There will also be a requirement for on-line students to attend QUT for up to 5 continuous days a semester for intensive practical and tutorial work.

## ■ Graduate Certificate in Mathematical Science (MA65)

**Award title:** Graduate Certificate in Mathematical Science

**CRICOS code:** 046044G

**Location:** Gardens Point

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 1 year

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Professor Vo Anh

### Course Design

The program of study for an individual student will be decided in consultation with the course coordinator and will take into account the student's background and area of interest within the mathematical sciences.

In the Graduate Certificate, at least 36 credit points must be taken from mathematics units and up to 12 credit points can be taken from units other than mathematics units.

### Course Structure

**The units selected may include:**

MAN200 Mathematical Foundations

MAN201 Mathematics

## ■ Bachelor of Applied Science (Honours) (SC60)

**Award title:** Bachelor of Applied Science (Honours) (Study Area A)

**CRICOS code:** 009041G

**Location:** Gardens Point

**Course duration (full-time):** 1 Year

**Course duration (part-time):** 2 Years

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Peter Fredericks

**Discipline coordinator:** Dr John Bartley (Chemistry); Dr Tony Clarke (Ecology); Dr Robin Thwaites (Environmental Science); Dr Gary Huftile (Geology); Dr Terry Walsh (Life Science); Dr Troy Farrell (Mathematics); Associate Professor Brian Thomas (Physics)

## Entry Requirements

To be eligible for admission, students should have completed one of the Faculty's Bachelor of Applied Science degrees (CH32, LS36, LS37, MA34, SC01 or SC30) or equivalent and should have attained a grade point average (GPA) of at least 5 on a 7-point scale over that degree, including grades of at least 5 in all units directly relevant to the proposed honours program.

Application for admission should normally be made at the end of the pass degree, or within 18 months of completing that degree.

Applicants who do not satisfy the above conditions but who have demonstrated outstanding performance in only the final year of a degree, or whose application is based on other factors including work experience or involvement in research, may be admitted at the discretion of the Dean of Faculty.

Please note that for the Mathematics major, other degrees with major studies in Mathematics (including Engineering and Statistics) may provide suitable entry to the program.

## Professional Recognition

Relevant scientific professional bodies include Australasian Association of Clinical Biochemists, Australasian Institute of Mining and Metallurgy, AusBiotech Ltd; Australian Institute of Geoscientists; Australian Institute of Physics; Australian Mathematical Society; Australian Society for Biochemistry and Molecular Biology; Australian Society for Medical Research; Australian Society for Microbiology; Australian Society for Operations Research; Ecological Society of Australia; Geological Society of Australia; Royal Australian Chemical Institute; Statistical Society of Australia. Eligibility for membership is based on the combination of units undertaken in the degree and the Bachelor of Applied Science course that underpins it.

## Course Structure

The Honours year comprises coursework and a major research project supervised by QUT staff, in some cases in conjunction with local industry. Majors are offered in Chemistry, Ecology, Environmental Science, Geology, Life Science, Mathematics and Physics.

## Chemistry

### Year 1, Semester 1

PCB700-1 Research Project  
PCB700-2 Research Project  
PCB742 Elective Unit  
PCB780-1 Advanced Topics in Chemistry 1

### Year 1, Semester 2

PCB700-3 Research Project  
PCB700-4 Research Project  
PCB700-5 Research Project  
PCB780-2 Advanced Topics in Chemistry 1

**Note:** Students wishing to apply for entry to BAppSc(Hons) should consult with the contact person for the relevant science discipline before applying (see contact details link above).

## Ecology, Environmental Science, Geology

### Year 1, Semester 1

NRB720-1 Project  
NRB730-1 Research Methods and Strategies  
NRB730-2 Research Methods and Strategies  
NRB735 Advanced Studies in Resource Sciences

### Year 1, Semester 2

NRB720-2 Project  
NRB720-3 Project  
NRB720-4 Project  
NRB720-5 Project

**Note:** Students wishing to apply for entry into BAppSc(Hons) should consult with the contact person for the relevant science discipline before applying (see contact details link above).

## Life Science

### Year 1, Semester 1

LSB850-1 Research Strategies  
LSB851-1 Readings in Life Science 1  
LSB852-1 Project

## Year 1, Semester 2

LSB850-2 Research Strategies  
LSB851-2 Readings in Life Science 1  
LSB852-2 Project

**Note:** Students wishing to apply for entry into BAppSc(Hons) should consult with the contact person for the relevant science discipline before applying (see contact details link above).

## Mathematics

### Year 1, Semester 1

MAN787-1 Project

36 credit points of elective units selected from the list below\*

### Year 1, Semester 2

MAN787-2 Project

MAN787-3 Project

24 credit points of elective units selected from the list below\*

### Elective List (Mathematics) - 60 credit points to be selected

MAN717 Minor Project  
MAN761 Analysis  
MAN762 Field Theory  
MAN764 Applied Mathematical Modelling  
MAN765 Bayesian Data Analysis  
MAN766 Applied Time Series Analysis  
MAN768 Advanced Techniques in Operations Research  
MAN769 Mathematics of Finance  
MAN771 Computational Mathematics 4  
MAN774 Perturbation Methods  
MAN775 Statistical Modelling of Financial Processes  
MAN778 Applications of Discrete Mathematics

Up to 12 credit points from the following lists can be included in the 60 credit points of electives:

MAB522 Computational Mathematics 3  
MAB524 Statistical Inference  
MAB526 Statistical Science 3  
MAB613 Partial Differential Equations  
MAB672 Advanced Mathematical Modelling  
Up to two units of a quantitative nature from another Faculty or School may be included with the permission of the Mathematics Coordinator.  
The unit(s) must be of honours level and relevant to the proposed program. Examples of suitable units are:  
EFN505 Financial Risk Management  
ITN682 Advanced Cryptology  
PCB706 Quantum Mechanics

\* The Course Coordinator may approve a student taking 24 credit points of elective units (together with MAN787-1 and MAN787-2) in Semester 1 and 36 credit points of elective units (together with MAN787-3) in Semester 2.

**Note:** Students wishing to apply for entry to BAppSc(Hons) should consult with the contact person for the relevant science discipline before applying (see contact details link above).

## Physics

### Year 1, Semester 1

PCB700-1 Research Project  
PCB700-2 Research Project  
PCB706 Quantum Mechanics  
Elective

**Note:** An alternative to PCB706 Quantum Mechanics may be permitted

### Year 1, Semester 2

PCB700-3 Research Project  
PCB700-4 Research Project  
PCB700-5 Research Project  
Elective

**Note:** Students wishing to apply for entry into BAppSc(Hons) should consult with the contact person for the relevant science discipline before applying (see contact details link above).

### Elective List (Physics)

PCB664 Lasers and Photonics  
PCB669 Astrophysics 2  
PCB708 Advanced Topics in Physics  
PCN716 Advanced Topics In Physics 2

**Note:** PCB708 and PCN716 typically comprise two components chosen from atmospheric aerosol physics, classical mechanics, non-linear optics, quantum electrodynamics, advanced general relativity or aspects of units from the Masters in Medical Physics course.

## ■ Bachelor of Applied Science and Bachelor of Applied Science (Honours) - Dean's Scholars Accelerated Honours Program (SC01 + SC60)

**CRICOS code:** 003502J

**Location:** Gardens Point

**Course duration (full-time):** 3 Years (plus initial summer term)

**Total credit points:** 384 [BAppSc 288 cp and BAppSc(Hons) 96 cp]

**Course coordinator:** Dr Neville Bofinger

**Discipline coordinator:** Associate Professor Rob Harding (Life Sciences - SCB501 only); Dr John Aaskov (Life Sciences - other units); Dr Graeme Pettet (Mathematics); Associate Professor David Gust (Natural Resource Sciences); Dr Dennis Arnold (Physical and Chemical Sciences - Chemistry); Dr Dmitri Gramotnev (Physical and Chemical Sciences - Physics)

### Professional Recognition

For graduates with approved study: Australian Society for Biochemistry and Molecular Biology, Australasian Association of Clinical Biochemists, AusBiotech Ltd, Australian Society for Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Royal Australian Chemical Institute, Ecological Society of Australia, Environment Institute of Australia and New Zealand, Australasian Institute of Mining and Metallurgy, Australian Institute of Geoscientists, Geological Society of Australia, Australian Mathematical Society, Australian Society for Operations Research, Statistical Society of Australia, Australian Society for Microbiology, Australian Institute of Physics.

### Course Design

This course is designed to allow Dean's Scholars to complete both the Bachelor of Applied Science and Bachelor of Applied Science (Honours) courses in an enriched and accelerated manner.

All of the majors and co-majors offered in the SC01 course are available within the Bachelor of Applied Science component of the Dean's Scholars Accelerated Honours Program. The majors available are: Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology and Physics. Co-majors include: Applied Geology, Applied Physics, Astrophysics, Biodiversity, Biomolecular Sciences, Environmental Studies, Forensic Science, Scientific Computation and Visualisation, Statistics. In addition all of the majors offered in the Bachelor of Applied Science (Honours) course are available to Dean's Scholars. (Full details of the SC01 BAppSc and SC60 (Hons) courses are available under the separate entries for these programs.)

Dedicated Dean's Scholars units that facilitate the acceleration and provide enrichment are indicated below:

SCB301 Science for Dean's Scholars

SCB303 Tutorial Program for Dean's Scholars

(substituted by a mathematics unit for mathematics majors)

SCB401 Research Methods for Dean's Scholars (substituted by a mathematics unit for mathematics majors)

SCB501 Research Project for Dean's Scholars (optionally substituted by MAB640 Industry Project for Mathematics majors)

### Course Structure

#### Chemistry and Physics

##### Year 1, Summer Term (24 cp)

Dean's Scholars Program enrichment unit:

SCB301 Science for Dean's Scholars

##### Year 1, Semester 1 (60 cp)

Dean's Scholars Program enrichment unit:

SCB303 Tutorial Program for Dean's Scholars

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

##### Year 1, Semester 2 (60 cp)

Dean's Scholars Program enrichment unit: Elective (12 cp)  
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

##### Year 2, Semester 1 (60 cp)

Dean's Scholars Program enrichment unit:

SCB401 Research Methods for Dean's Scholars  
(SCB401 Research Methods for Dean's Scholars may be replaced by an approved elective unit in the case of the Physics major)  
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

##### Year 2, Semester 2 (60 cp)

Dean's Scholars Program enrichment unit:

SCB501-1 Research Project for Dean's Scholars  
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (36 cp)

##### Year 3, Semester 1 (60 cp) and Semester 2 (60 cp)

Normal BAppSc and BAppSc(Hons) units: BAppSc + BAppSc(Hons) Coursework (24 cp + 36 cp respectively)  
Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (60 cp)

### Biochemistry, Biotechnology and Microbiology

##### Year 1, Summer Term (24 cp)

Dean's Scholars Program enrichment unit:

SCB301 Science for Dean's Scholars

##### Year 1, Semester 1 (60 cp)

Dean's Scholars Program enrichment unit:

SCB303 Tutorial Program for Dean's Scholars  
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

##### Year 1, Semester 2 (60 cp)

Dean's Scholars Program enrichment unit:

SCB401 Research Methods for Dean's Scholars  
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

##### Year 2, Semester 1 (72 cp)

Dean's Scholars Program enrichment unit:

SCB501-1 Research Project for Dean's Scholars  
Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

##### Year 2, Semester 2 (60 cp)

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (48 cp)

Normal BAppSc and BAppSc(Hons) unit:

LSB657 Perspectives in Life Science

##### Year 3, Semester 1 (60 cp) and Semester 2 (48 cp)

Normal BAppSc and BAppSc(Hons) units: BAppSc + BAppSc(Hons) Coursework (12cp + 36 cp respectively)  
Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (60 cp)

### Mathematics

##### Year 1, Summer Term (24 cp)

EITHER

Dean's Scholars Program enrichment unit (MS module + MA module + one of the PH, CH, and LS modules):

SCB301 Science for Dean's Scholars

OR

MAB101 Statistical Data Analysis 1

AND

MAB111 Mathematical Sciences 1B

##### Year 1, Semester 1 (60 cp)

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)

##### Year 1, Semester 2 (60 cp)

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)

##### Year 2, Semester 1 (60 cp)

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (60 cp)

##### Year 2, Semester 2 (60 cp)

Normal BAppSc and BAppSc(Hons) units: BAppSc Coursework (36 cp)

Dean's Scholars Program enrichment unit:

SCB501-1 Research Project for Dean's Scholars

OR

MAB640 Industry Project

**Year 3, Semester 1 (60 cp) and Semester 2 (60 cp)**

Normal BAppSc and BAppSc(Hons) units: BAppSc + BAppSc(Hons) Coursework (24 cp + 60 cp respectively)  
Normal BAppSc and BAppSc(Hons) units: BAppSc(Hons) Research (36 cp)

**■ Bachelor of Applied Science (SC01)**

**Award title:** Bachelor of Applied Science (Study Area A)

**CRICOS code:** 003502J

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 3 Years; Carseldine campus: After the completion of first year (ie 96 credit points of study), students must transfer to Gardens Point campus for the remainder of the course.

**Course duration (part-time):** 6 Years; Carseldine campus: After the completion of first year (ie 96 credit points of study), students must transfer to Gardens Point campus for the remainder of the course.

**Total credit points:** 288 (minimum)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Megan Hargreaves

**Discipline coordinator:** Dr Peter Cooke (Biochemistry); Dr Ron Epping (Biotechnology); Dr Dennis Arnold (Chemistry); Dr Ian Williamson (Ecology); Graham Kimber (Environmental Science); Dr Serge Kokot (Forensic Science); Dr Gregg Webb (Geoscience); Dr Glenn Fulford (Mathematics); Dr Megan Hargreaves (Microbiology); Dr Esa Jaatinen (Physics)

**Professional Recognition**

For graduates with approved study: Australian Society for Biochemistry and Molecular Biology, Australasian Association of Clinical Biochemists, AusBiotech Ltd, Australian Society for Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Royal Australian Chemical Institute, Ecological Society of Australia, Environment Institute of Australia and New Zealand, Australasian Institute of Mining and Metallurgy, Australian Institute of Geoscientists, Geological Society of Australia, Australian Mathematical Society, Australian Society for Operations Research, Statistical Society of Australia, Australian Society for Microbiology, Australian Institute of Physics.

**Course Design**

The Bachelor of Applied Science course comprises a major and a co-major study area in second and third year, built on the secure foundation of core units studied in the first year. The major and co-major study areas (listed below) show the broad range of the Science program and the flexibility that students have in choosing their degree program. Students can also propose their own co-major studies, and the choice of major and co-major can be delayed until the completion of at least the students first semester of study.

In first semester, the core units are designed to broaden the students' experience of Science and the four unit studies will generally include at least three of the following:

- Life Science: an introduction to the study of life processes with cells and organisms as the central point of reference.
- Statistical Data Analysis: how to extract valid results from data collected.
- Environmental Science: incorporating the chemical, physical and biological processes that influence the development of the air, the earth and the atmosphere.
- Physical Science: involving the basic concepts of physics and chemistry.

**Science Majors:** Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology, Physics.

**Science Co-majors:** Applied Geology, Applied Physics, Astrophysics, Biodiversity, Biomolecular Sciences, Forensic

Science, Industrial Chemistry, Scientific Computation and Visualisation, Statistics.

**Examples of Non-Science Co-majors:** Accountancy, Aviation, Banking and Finance, Communication, Economics, Environmental Management, Environmental Studies, Human Resource Management, Marketing, Psychology.

**Course Rules**

1. To fulfil the requirements for the award of the Bachelor of Applied Science degree, a student must complete a total of at least 288 credit points, comprising at least 192 credit points in units offered by the Faculty of Science. The units completed for the award of the degree must include:

- (a) at least six faculty core units, including at least three foundation units, and three other first year science units
- (b) a major study
- (c) a co-major study (or group of units constituting 72 credit points at advanced level in any approved area of study in the University).

Major and co-major studies are defined in terms of the discipline area and the academic level at which the units are offered.

A *major* must be completed in one of the following discipline areas: biochemistry; biotechnology; chemistry; ecology; environmental science; geoscience; mathematics; microbiology; physics. A major comprises 96 credit points of units at advanced level, including at least 48 credit points at the third level.

A *co-major* may be completed by selecting appropriate units from another major, or from the following discipline areas: applied geology, applied physics, astrophysics, biodiversity, biomolecular science, environmental management, environmental science, forensic science, industrial chemistry, scientific computation and visualisation, statistics. A co-major comprises 72 credit points at advanced level. Alternatively, the co-major may be constituted by an approved group of units comprising 72 credit points at advanced level in any approved area of study in the university. Major and co-major studies may be taken in closely related discipline areas.

2. The maximum number of credit points that may be counted from units other than those at advanced level is 120 credit points.

3. Elective units may be chosen from (a) SCO1 majors/co-majors other than those undertaken by a student, (b) other appropriate units offered by the Faculty of Science, and (c) units offered by other faculties.

4. Students are normally expected to complete the course in minimum time. A full-time student normally enrolls in an average of 48 credit points per semester for six semesters and a part-time student normally enrolls in 24 credit points per semester for 12 semesters. (A full-time student is one who is enrolled in 36 or more credit points per semester, whereas a part-time student is one who is enrolled in less than 36 credit points per semester.)

5. All commencing and certain continuing students may attend scheduled academic advising sessions to plan their progression through the course, and should obtain the approval of an academic adviser prior to effecting any change of enrolment.

**Notes on the Rules**

1. For offerings in the Faculty of Science, the term advanced level refers to units in Schedules 2 and 3. For units offered outside the Faculty of Science, the term advanced level refers to units for which there is at least one prerequisite unit.

2. Level 2 and level 3 units are listed in Schedules 2 and 3 respectively according to their unit codes. For each unit, the major(s) and/or co-major(s) in which the unit is offered are shown. It should be noted that not every advanced level unit offered in each major/co-major is mandatory.

3. The major undertaken by a student will qualify the generic award title of BAppSc and will appear in the award title in

parentheses. The general form of the award will therefore be: BAppSc(Major).

### Industrial Internship Program

A registered student who has successfully completed the equivalent of the first and second year of the standard full-time course, normally with a grade point average (GPA) of not less than 4.5 overall, may, at the discretion of the Industrial Internship Coordinator, apply to undertake the Industrial Internship Program.

This program involves 10-12 months of paid full-time employment in an approved industrial/commercial environment during which time the student is enrolled in the unit SCB100 Cooperative Education. On completion of the approved industrial internship placement the student resumes formal studies.

### General Requirements for Majors

The units referred to in the general requirements for majors are listed in Schedules 1, 2 and 3.

### Course Structure

#### Biochemistry

##### First Level Units - Semester 1

MANDATORY UNIT:

- LSB118 Life Science
- MAB101 Statistical Data Analysis 1
- PLUS EITHER:
- NRB100 Environmental Science
- OR
- PCB101 Physical Science
- PLUS EITHER:
- PCB140 Introductory Chemistry
- OR
- PCB142 Chemistry 1

##### First Level Units - Semester 2

MANDATORY UNITS:

- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function
- PCB242 Chemistry 2
- PLUS ONE OTHER UNIT, FOR EXAMPLE:
- LSB258 Principles of Human Physiology
- OR
- NRB240 History of Life on Earth
- OR
- PYB012 Psychology

##### Second Level Units - Semester 1

MANDATORY UNITS:

- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
- PLUS TWO OTHER UNITS, FOR EXAMPLE:
- LSB328 Microbiology 1
- LSB397 Plant Physiology

##### Second Level Units - Semester 2

MANDATORY UNIT:

- LSB408 Metabolism
- PLUS:
- LSB449 Human Cell Biology
- LSB468 Molecular Biology
- LSB605 Protein Engineering and Bioprocessing

##### Third Level Units - Semester 1

MANDATORY UNIT:

- LSB508 Advanced Metabolism
- PLUS:
- LSB527 Biomedical Research Technologies
- OR CHOOSE A UNIT FROM:
- LSB509 Medical Biotechnology
- LSB537 Genetic Engineering

##### Third Level Units - Semester 2

MANDATORY UNIT:

- LSB608 Protein Science
- PLUS
- LSB607 Protein Purification
- OR CHOOSE A UNIT FROM:
- LSB609 Medical Biotechnology 2
- LSB619 Genomics & Bioinformatics
- LSB698 Molecular Pathogenesis 2

#### Biotechnology

##### First Level Units - Semester 1

MANDATORY UNITS:

- LSB118 Life Science
- MAB101 Statistical Data Analysis 1
- PLUS EITHER:
- PCB101 Physical Science
- Or
- NRB100 Environmental Science
- PLUS EITHER:
- PCB142 Chemistry 1
- Or
- PCB140 Introductory Chemistry

##### First Level Units - Semester 2

MANDATORY UNITS:

- LSB238 Cell and Molecular Biology 1
- NRB270 Animal and Plant Structure and Function
- PCB242 Chemistry 2
- PLUS ONE OTHER UNIT - FOR EXAMPLE:
- LSB258 Principles of Human Physiology
- Or
- NRB240 History of Life on Earth
- Or
- PYB102 Introduction to Psychology 1B

##### Second Level Units - Semester 1

MANDATORY UNITS:

- LSB308 Biochemistry
- LSB338 Cell and Molecular Biology 2
- PLUS TWO OTHER UNITS - FOR EXAMPLE:
- LSB328 Microbiology 1
- LSB397 Plant Physiology

##### Second Level Units - Semester 2

MANDATORY UNIT:

- LSB468 Molecular Biology
- PLUS EITHER:
- LSB408 Metabolism
- Or
- LSB497 Plant Molecular Biology
- PLUS ONE OTHER UNIT - FOR EXAMPLE:
- LSB449 Human Cell Biology
- LSB605 Protein Engineering and Bioprocessing

##### Third Level Units - Semester 1

MANDATORY UNITS:

- LSB537 Genetic Engineering
- PLUS EITHER:
- LSB509 Medical Biotechnology
- Or
- LSB577 Plant Biotechnology 1

##### Third Level Units - Semester 2

Choose two units from:

- LSB609 Medical Biotechnology 2
- LSB619 Genomics & Bioinformatics
- LSB677 Plant Biotechnology 2

#### Chemistry

##### First Level Units - Semester 1

MANDATORY UNITS:

- PCB101 Physical Science
- PCB142 Chemistry 1
- MAB101 Statistical Data Analysis 1
- PLUS EITHER:
- LSB118 Life Science
- Or
- NRB100 Environmental Science

##### First Level Units - Semester 2

MANDATORY UNITS:

- PCB242 Chemistry 2
- PLUS
- MAB100 Mathematical Sciences 1A
- OR
- MAB111 Mathematical Sciences 1B
- PLUS TWO OTHER UNITS:
- LSB238 Cell and Molecular Biology 1
- LSB258 Principles of Human Physiology
- NRB270 Animal and Plant Structure and Function
- PCB150 Physics 1H
- PCB200 Chemical Technology 1
- PYB012 Psychology

##### Second Level Units - Semester 1

MANDATORY UNITS:  
PCB305 Principles of Physical Chemistry  
PCB354 Structure and Mechanism in Organic Chemistry

**Second Level Units - Semester 2**

MANDATORY UNITS:  
PCB434 Inorganic Chemistry  
PCB444 Spectroscopy

**Third Level Units - Semester 1**

MANDATORY UNITS:  
PCB505 Advanced Physical Chemistry  
PCB554 Synthesis and Reactivity in Organic Chemistry

**Third Level Units - Semester 2**

MANDATORY UNITS:  
PCB634 Organometallic and Coordination Chemistry  
AND  
PCB604 Project  
OR  
PCB644 Frontiers in Chemistry

**Ecology****First Level Units - Semester 1**

MANDATORY UNITS:  
LSB118 Life Science  
NRB100 Environmental Science  
PCB101 Physical Science

PLUS EITHER:  
MAB101 Statistical Data Analysis 1  
Or

MAB105 Preparatory Mathematics  
Or

NRB230 Planet Earth

**First Level Units - Semester 2**

MANDATORY UNIT:  
NRB270 Animal and Plant Structure and Function  
OPTIONAL UNITS:

LSB238 Cell and Molecular Biology 1  
MAB101 Statistical Data Analysis 1  
NRB240 History of Life on Earth

Note: MAB101 if not done in Semester 1

**Second Level Units - Semester 1**

MANDATORY UNITS:  
NRB301 Earth Surface Systems  
NRB311 Population Ecology

**Second Level Units - Semester 2**

MANDATORY UNITS:  
NRB410 Genetics and Evolution  
NRB412 Experimental Design

**Third Level Units - Semester 1**

MANDATORY UNITS:  
NRB510 Population Genetics  
NRB511 Population Management

**Third Level Units - Semester 2**

MANDATORY UNITS:  
NRB610 Ecological Applications  
NRB611 Conservation Biology

**Environmental Science****First Level Units - Semester 1**

MANDATORY UNITS:  
LSB118 Life Science  
NRB100 Environmental Science

PLUS EITHER:  
MAB101 Statistical Data Analysis 1  
OR

MAB105 Preparatory Mathematics  
PLUS EITHER:

PCB140 Introductory Chemistry  
OR  
PCB142 Chemistry 1

**First Level Units - Semester 2**

MANDATORY UNIT:  
NRB240 History of Life on Earth  
SELECT THREE OTHER UNITS FROM:

MAB101 Statistical Data Analysis 1  
NRB270 Animal and Plant Structure and Function  
PCB101 Physical Science

Note: MAB101 if not done in Semester 1

**Second Level Units - Semester 1**

MANDATORY UNITS:

NRB301 Earth Surface Systems  
With Ecology Co-major:  
NRB370 Invertebrate Biology  
Or

NRB371 Plant Biology  
With all other co-majors:  
NRB311 Population Ecology

**Second Level Units - Semester 2**

MANDATORY UNITS:  
NRB412 Experimental Design  
NRB440 Environmental Chemistry

**Third Level Units - Semester 1**

MANDATORY UNITS:  
NRB500 Environmental Modelling  
NRB501 Spatial Analysis of Environmental Systems

**Third Level Units - Semester 2**

MANDATORY UNITS:  
NRB600 Sustainable Environmental Management  
NRB601 Field Mapping and Monitoring of Natural Resources  
Note: NRB601 from 2006

**Forensic Science with Biotechnology Major****First Level Units - Semester 1**

LSB118 Life Science  
MAB101 Statistical Data Analysis 1  
PCB101 Physical Science  
PCB142 Chemistry 1

**First Level Units - Semester 2**

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2  
First Level Unit

**Second Level Units - Semester 1**

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
PCB414 Industrial and Environmental Analytical Chemistry  
SCB384 Crime Scene and Forensic Science

**Second Level Units - Semester 2**

JSB937 Forensic Scientific Evidence  
LSB408 Metabolism  
LSB449 Human Cell Biology  
LSB468 Molecular Biology

**Third Level Units - Semester 1**

LSB509 Medical Biotechnology  
PCB514 Instrumental Analysis  
LSB537 Genetic Engineering  
PCB584 Forensic Examination of Physical Evidence

**Third Level Units - Semester 2**

LSB609 Medical Biotechnology 2  
LSB619 Genomics & Bioinformatics  
LSB684 Forensic DNA Profiling  
PCB684 Forensic Analysis and Toxicology

**Forensic Science with Chemistry Major****First Level Units - Semester 1**

LSB118 Life Science  
MAB100 Mathematical Sciences 1A  
PCB101 Physical Science  
PCB142 Chemistry 1

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1  
MAB101 Statistical Data Analysis 1  
PCB242 Chemistry 2  
(First level unit)

**Year 2, Semester 1**

LSB468 Molecular Biology  
PCB305 Principles of Physical Chemistry  
PCB354 Structure and Mechanism in Organic Chemistry  
SCB384 Crime Scene and Forensic Science

**Year 2, Semester 2**

JSB937 Forensic Scientific Evidence  
PCB414 Industrial and Environmental Analytical Chemistry  
PCB434 Inorganic Chemistry  
PCB444 Spectroscopy

**Year 3, Semester 1**

PCB505 Advanced Physical Chemistry  
PCB514 Instrumental Analysis  
PCB554 Synthesis and Reactivity in Organic Chemistry  
PCB584 Forensic Examination of Physical Evidence

**Year 3, Semester 2**

LSB684	Forensic DNA Profiling
PCB634	Organometallic and Coordination Chemistry
PCB644	Frontiers in Chemistry
PCB684	Forensic Analysis and Toxicology

**Geoscience**

**First Level Units - Semester 1**

	MANDATORY UNITS:
MAB101	Statistical Data Analysis 1
NRB100	Environmental Science
PCB101	Physical Science
	PLUS EITHER:
NRB230	Planet Earth
	Or
PCB140	Introductory Chemistry
	Or
PCB142	Chemistry 1

**First Level Units - Semester 2**

	MANDATORY UNITS:
NRB240	History of Life on Earth
	PLUS EITHER:
PCB140	Introductory Chemistry
	Or
PCB142	Chemistry 1
	OPTIONAL UNIT:
MAB100	Mathematical Sciences 1A

**Second Level Units - Semester 1**

	MANDATORY UNITS:
NRB333	Mineralogy
	OPTIONAL UNITS:
NRB301	Earth Surface Systems
NRB331	Sedimentary Geology

**Second Level Units - Semester 2**

	MANDATORY UNITS:
NRB434	Structural Geology and Field Methods
NRB436	Introduction to Igneous and Metamorphic Petrology
	OPTIONAL UNIT:
NRB437	Stratigraphy and Depositional Environments

**Third Level Units - Semester 1**

	MANDATORY UNITS:
NRB533	Advanced Geological Mapping
NRB534	Geophysics
NRB536	Petrology and Geochemistry
	OPTIONAL UNIT:
NRB535	Geology of Fossil Fuels

**Third Level Units - Semester 2**

	ONE OF:
NRB633	Hydrogeology
NRB635	Plate Tectonics and Advanced Structural Geology
NRB636	Stratigraphy and Basin Analysis
PSB655	Remote Sensing

**Mathematics**

**First Level Units - Semester 1**

	MANDATORY UNITS:
MAB100	Mathematical Sciences 1A (For students without a grade of SA or better in Senior Mathematics C)
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
	PLUS ONE OR TWO OF FOUNDATION UNITS:

LSB118	Life Science
NRB100	Environmental Science
PCB101	Physical Science

**First Level Units - Semester 2**

	MANDATORY UNITS:
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1
	PLUS ONE OR TWO OF FOUNDATION UNITS:

LSB118	Life Science
PCB101	Physical Science

**Second Level Units - Semester 1**

	OPTIONAL UNITS:
MAB311	Advanced Calculus
MAB312	Linear Algebra

MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2
MAB481	Visualisation and Data Analysis

**Second Level Units - Semester 2**

	OPTIONAL UNITS:
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling
MAB480	Introduction to Scientific Computation

**Third Level Units - Semester 1**

	OPTIONAL UNITS:
MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB525	Operations Research 3A
MAB526	Statistical Science 3
MAB580	Scientific Computation
MAB672	Advanced Mathematical Modelling

**Third Level Units - Semester 2**

	OPTIONAL UNITS:
MAB524	Statistical Inference
MAB613	Partial Differential Equations
MAB621	Discrete Mathematics
MAB623	Financial Mathematics
MAB624	Applied Statistics 3
MAB625	Operations Research 3B
MAB640	Industry Project
MAB681	Advanced Visualisation and Data Analysis

**Microbiology**

**First Level Units - Semester 1**

	MANDATORY UNIT:
LSB118	Life Science
MAB101	Statistical Data Analysis 1
	PLUS EITHER:
NRB100	Environmental Science
	Or
PCB101	Physical Science
	PLUS EITHER:
PCB140	Introductory Chemistry
	Or
PCB142	Chemistry 1

**First Level Units - Semester 2**

	MANDATORY UNITS:
LSB238	Cell and Molecular Biology 1
PCB242	Chemistry 2
	PLUS TWO OTHER UNITS, FOR EXAMPLE:
LSB258	Principles of Human Physiology
MAB101	Statistical Data Analysis 1
NRB240	History of Life on Earth
NRB270	Animal and Plant Structure and Function
PYB102	Introduction to Psychology 1B

**Second Level Units - Semester 1**

	MANDATORY UNITS:
LSB308	Biochemistry
LSB328	Microbiology 1
	PLUS TWO OTHER UNITS, FOR EXAMPLE:
LSB338	Cell and Molecular Biology 2
LSB358	Physiology 1

**Second Level Units - Semester 2**

	MANDATORY UNIT:
LSB428	Microbiology 2
	PLUS THREE OTHER UNITS, FOR EXAMPLE:
LSB408	Metabolism
LSB449	Human Cell Biology
LSB458	Physiology 2
LSB468	Molecular Biology

**Third Level Units - Semester 1**

	SELECT TWO UNITS FROM:
LSB528	Environmental Microbiology
LSB547	Bacterial Pathogenesis and Disease Diagnosis
LSB568	Electron Microscopy
LSB578	Virology

**Third Level Units - Semester 2**

	SELECT TWO UNITS FROM:
LSB628	Food Microbiology
LSB647	Clinical Mycology and Parasitology

LSB648 Molecular Microbiology

## Physics

### First Level Units - Semester 1

MANDATORY UNITS:

PCB101 Physical Science

MAB131 Engineering Mathematics 1A

OR

MAB180 Engineering Mathematics 1

OPTIONAL UNITS:

PCB107 Physics and Quantitative Techniques

PLUS EITHER:

LSB118 Life Science

Or

NRB100 Environmental Science

### First Level Units - Semester 2

MANDATORY UNITS:

MAB132 Engineering Mathematics 1B

PCB250 Physics 1

PCB260 Physics 1A

SELECT ONE OTHER UNIT - FOR EXAMPLE:

ITB111 Software Development 1

### Second Level Units - Semester 1

MANDATORY UNITS:

MAB134 Electrical Engineering Mathematics 3

PCB361 AC Theory and Electronics

PCB362 Physics 2

### Second Level Units - Semester 2

MANDATORY UNITS:

PCB460 Instrumentation and Computational Methods

PCB462 Thermodynamics and Solid State Physics

### Third Level Units - Semester 1

MANDATORY UNITS:

PCB561 Quantum and Condensed Matter Physics

PCB562 Physical Methods of Analysis

### Third Level Units - Semester 2

MANDATORY UNITS:

PCB661 Experimental Physics

PCB665 Physics 3

## Science Units

### First Level Units

LSB118 Life Science

LSB238 Cell and Molecular Biology 1

LSB258 Principles of Human Physiology

MAB100 Mathematical Sciences 1A

MAB101 Statistical Data Analysis 1

MAB111 Mathematical Sciences 1B

MAB112 Mathematical Sciences 1C

MAB131 Engineering Mathematics 1A

MAB132 Engineering Mathematics 1B

MAB180 Engineering Mathematics 1

MAB210 Statistical Modelling 1

MAB220 Computational Mathematics 1

NRB100 Environmental Science

NRB230 Planet Earth

NRB240 History of Life on Earth

NRB270 Animal and Plant Structure and Function

PCB101 Physical Science

PCB107 Physics and Quantitative Techniques

PCB140 Introductory Chemistry

PCB142 Chemistry 1

PCB150 Physics 1H

PCB200 Chemical Technology 1

PCB242 Chemistry 2

PCB250 Physics 1

PCB260 Physics 1A

Elective First Year Units (Examples):

ITB111 Software Development 1

ITB113 Systems Architecture

ITB115 Introduction to Databases

MAB105 Preparatory Mathematics

PYB012 Psychology

SCB222 Exploration of the Universe

### Second Level Units

JSB937 Forensic Scientific Evidence

LSB308 Biochemistry

LSB309 Introduction to Intellectual Property Law

LSB328 Microbiology 1

LSB338 Cell and Molecular Biology 2

LSB358 Physiology 1

LSB397 Plant Physiology

LSB408 Metabolism

LSB428 Microbiology 2

LSB438 Immunology 1

LSB449 Human Cell Biology

LSB458 Physiology 2

LSB468 Molecular Biology

LSB497 Plant Molecular Biology

MAB134 Electrical Engineering Mathematics 3

MAB311 Advanced Calculus

MAB313 Mathematics of Finance

MAB314 Statistical Modelling 2

MAB315 Operations Research 2

MAB413 Differential Equations

MAB414 Applied Statistics 2

MAB420 Computational Mathematics 2

MAB422 Mathematical Modelling

MAB480 Introduction to Scientific Computation

MAB481 Visualisation and Data Analysis

NRB301 Earth Surface Systems

NRB311 Population Ecology

NRB331 Sedimentary Geology

NRB333 Mineralogy

NRB370 Invertebrate Biology

NRB371 Plant Biology

NRB410 Genetics and Evolution

NRB411 Ecological Methods

NRB412 Experimental Design

NRB434 Structural Geology and Field Methods

NRB436 Introduction to Igneous and Metamorphic Petrology

NRB437 Stratigraphy and Depositional Environments

NRB440 Environmental Chemistry

NRB470 Vertebrate Biology

PCB305 Principles of Physical Chemistry

PCB314 Concepts in Analytical Chemistry

PCB354 Structure and Mechanism in Organic Chemistry

PCB361 AC Theory and Electronics

PCB362 Physics 2

PCB404 Scientific Principles of Safety

PCB414 Industrial and Environmental Analytical Chemistry

PCB434 Inorganic Chemistry

PCB444 Spectroscopy

PCB445 Nanotechnology and Nanoscience

PCB460 Instrumentation and Computational Methods

PCB462 Thermodynamics and Solid State Physics

PCB469 Astrophysics 1

SCB100-1 Cooperative Education

SCB100-2 Cooperative Education

SCB301 Science for Dean's Scholars

SCB302 Tutorial Program For Dean's Scholars

SCB384 Crime Scene and Forensic Science

SCB401 Research Methods for Dean's Scholars

### Third Level Units

LSB508 Advanced Metabolism

LSB509 Medical Biotechnology

LSB527 Biomedical Research Technologies

LSB528 Environmental Microbiology

LSB537 Genetic Engineering

LSB547 Bacterial Pathogenesis and Disease Diagnosis

LSB558 Advanced Physiology

LSB568 Electron Microscopy

LSB577 Plant Biotechnology 1

LSB578 Virology

LSB605 Protein Engineering and Bioprocessing

LSB607 Protein Purification

LSB608 Protein Science

LSB609 Medical Biotechnology 2

LSB619 Genomics & Bioinformatics

LSB628 Food Microbiology

LSB647 Clinical Mycology and Parasitology

LSB648 Molecular Microbiology

LSB657 Perspectives in Life Science

LSB658 Clinical Physiology

LSB677 Plant Biotechnology 2

LSB684 Forensic DNA Profiling

MAB521 Applied Mathematics 3

MAB522 Computational Mathematics 3



MAB523	Introduction to Quality Management
MAB524	Statistical Inference
MAB525	Operations Research 3A
MAB526	Statistical Science 3
MAB580	Scientific Computation
MAB613	Partial Differential Equations
MAB621	Discrete Mathematics
MAB623	Financial Mathematics
MAB624	Applied Statistics 3
MAB625	Operations Research 3B
MAB640	Industry Project
MAB672	Advanced Mathematical Modelling
MAB681	Advanced Visualisation and Data Analysis
NRB500	Environmental Modelling
NRB501	Spatial Analysis of Environmental Systems
NRB510	Population Genetics
NRB511	Population Management
NRB533	Advanced Geological Mapping
NRB534	Geophysics
NRB535	Geology of Fossil Fuels
NRB536	Petrology and Geochemistry
NRB572	Terrestrial Ecosystems
NRB600	Sustainable Environmental Management
NRB610	Ecological Applications
NRB611	Conservation Biology
NRB633	Hydrogeology
NRB635	Plate Tectonics and Advanced Structural Geology
NRB636	Stratigraphy and Basin Analysis
NRB672	Marine and Freshwater Ecosystems
PCB505	Advanced Physical Chemistry
PCB514	Instrumental Analysis
PCB524	Unit Operations
PCB548	Medical Physics
PCB554	Synthesis and Reactivity in Organic Chemistry
PCB561	Quantum and Condensed Matter Physics
PCB562	Physical Methods of Analysis
PCB563	Global Energy and Climate Change
PCB584	Forensic Examination of Physical Evidence
PCB593	Digital Image Processing
PCB604	Project
PCB614	Advanced Analysis
PCB624	Chemistry in Industry and Technology
PCB634	Organometallic and Coordination Chemistry
PCB644	Frontiers in Chemistry
PCB648	Applied Radiation and Health Physics
PCB661	Experimental Physics
PCB664	Lasers and Photonics
PCB665	Physics 3
PCB669	Astrophysics 2
PCB684	Forensic Analysis and Toxicology
SCB501-1	Research Project for Dean's Scholars
SCB601	Perspectives In Science

## ■ Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology) (PH38)

**Award title:** Bachelor of Applied Science (Medical Radiation Technology)

**CRICOS code:** 037588F

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Pam Rowntree

### Other Majors

See also the separate entry for the following major in this course:  
Bachelor of Applied Science - Medical Radiation Technology (Radiotherapy Technology).

### Special Requirements

Students are required to undertake clinical experience in hospital departments and private practices during the course and, as a result, will have direct patient contact during their clinical placement, and may be exposed to blood and body fluids of

patients. Students must be vaccinated for Hepatitis B and must provide a post-vaccination pathological report or similar certification showing proof of immunity, prior to undertaking their first clinical placement. CPR certification is also required to undertake clinical placements.

### Other Course Requirements

Students in this course should satisfy criteria related to health status. Students must declare height, physical disabilities, treatment of nervous condition and/or drug/alcohol disorder, and a current immunisation status (specifically Hepatitis B) as part of the online enrolment process.

### Professional Recognition

On graduation, students will be eligible for provisional accreditation by the Australian Institute of Radiography. Full membership requires the completion of an additional professional development year of clinical experience.

### Course Structure

#### Medical Imaging Technology

##### Year 1, Semester 1

LSB145	Anatomy 1
PCB007	Patient Care in Professional Practice
PCB107	Physics and Quantitative Techniques
PCB178	Principles of Medical Radiations

##### Year 1, Semester 2

LSB245	Anatomy 2 and Introductory Pathology
PCB272	Radiation Physics 1
PCB276	General Radiography 1
PCB277	Radiographic Practice 1

##### Year 2, Semester 1

LSB321	Systematic Pathology
LSB345	Regional & Imaging Anatomy 1
PCB375-1	Radiographic Equipment
PCB377	General Radiography 2
PCB379	Clinical Radiography 1

##### Year 2, Semester 2

LSB445	Regional & Imaging Anatomy 2
PCB375-2	Radiographic Equipment
PCB476	Special Procedures
PCB477	Complementary Imaging Techniques
PCB479	Clinical Radiography 2

##### Year 3, Semester 1

PCB567	Advanced Radiographic Technique 1
PCB580-1	Clinical Radiography 3
PCB593	Digital Image Processing
PCB672-1	Project
PCB681	Computed Tomography Imaging

##### Year 3, Semester 2

PCB580-2	Clinical Radiography 3
PCB667	Advanced Radiographic Technique 2
PCB672-2	Project
PCB675	Radiation Safety and Quality Assurance
PCB682	Magnetic Resonance Imaging

## ■ Bachelor of Applied Science - Medical Radiation Technology (Radiotherapy Technology) (PH38)

**Award title:** Bachelor of Applied Science (Medical Radiation Technology)

**CRICOS code:** 037588F

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Pam Rowntree

**Discipline coordinator:** Michelle Oppelaar

### Other Majors

See also the separate entry for the following major in this course:  
Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology).

### Special Course Requirements

Students are required to undertake clinical experience in hospital departments and private practices during the course and, as a result, will have direct patient contact during their placement, and may be exposed to blood and body fluids of patients. Students must be vaccinated for Hepatitis B and must provide a post-vaccination pathological report or similar certification showing proof of immunity, prior to undertaking their first clinical placement. CPR certification is also required to undertake clinical placements.

### Other Course Requirements

Students in this course should satisfy criteria related to health status. Students must declare height, physical disabilities, treatment of nervous condition and/or drug/alcohol disorder, and a current immunisation status (specifically Hepatitis B) as part of the online enrolment process.

### Professional Recognition

On graduation, students will be eligible for provisional accreditation by the Australian Institute of Radiography. Full membership requires the completion of an additional professional development year of clinical experience.

### Course Structure

#### Radiotherapy Technology

##### Year 1, Semester 1

LSB145	Anatomy 1
PCB007	Patient Care in Professional Practice
PCB107	Physics and Quantitative Techniques
PCB178	Principles of Medical Radiations

##### Year 1, Semester 2

LSB245	Anatomy 2 and Introductory Pathology
PCB272	Radiation Physics 1
PCB286	Treatment Planning 1
PCB287	Megavoltage Therapy 1

##### Year 2, Semester 1

LSB321	Systematic Pathology
LSB345	Regional & Imaging Anatomy 1
PCB389	Clinical Radiotherapy 1
PCB396-1	Radiotherapy Planning and Physics
PCB397	Megavoltage Therapy 2

##### Year 2, Semester 2

LSB445	Regional & Imaging Anatomy 2
PCB396-2	Radiotherapy Planning and Physics
PCB489	Clinical Radiotherapy 2
PCB495	Computer Assisted Treatment Planning 1
PCB497	Megavoltage Therapy 3

##### Year 3, Semester 1

PCB587	Specialised Radiotherapy Technique 1
PCB590-1	Clinical Radiotherapy 3
PCB593	Digital Image Processing
PCB595	Computer Assisted Treatment Planning 2
PCB672-1	Project

##### Year 3, Semester 2

PCB590-2	Clinical Radiotherapy 3
PCB672-2	Project
PCB675	Radiation Safety and Quality Assurance
PCB687	Specialised Radiotherapy Technique 2
PCB695	Advanced Treatment Planning Topics

### ■ Bachelor of Applied Science (First-year Program) (Carseldine only) (SC01)

**Award title:** Bachelor of Applied Science (Study Area A)

**CRICOS code:** 003502J

**Location:** Carseldine

**Course duration (full-time):** 1 year at Carseldine and then 2 years at Gardens Point

**Course duration (part-time):** 2 Years at Carseldine and then 4 years at Gardens Point

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Megan Hargreaves

**Discipline coordinator:** Dr Habib Yezdani (Science Carseldine Coordinator); Dr Peter Cooke (Biochemistry); Dr Ron Epping (Biotechnology); Dr Dennis Arnold (Chemistry); Dr Ian Williamson (Ecology); Graham Kimber (Environmental Science); Dr Serge Kokot (Forensic Science); Dr Gregg Webb (Geoscience); Dr Megan Hargreaves (Microbiology)

### Professional Recognition

For graduates with approved study: Australian Society for Biochemistry and Molecular Biology, Australasian Association of Clinical Biochemists, AusBiotech Ltd, Australian Society for Biochemistry and Molecular Biology, Australian Society for Medical Research, Australian Society for Microbiology, Royal Australian Chemical Institute, Ecological Society of Australia, Environment Institute of Australia and New Zealand, Australasian Institute of Mining and Metallurgy, Australian Institute of Geoscientists, Geological Society of Australia, Australian Society for Microbiology.

### Course Design

The Bachelor of Applied Science course allows students to major in one of 10 scientific fields. The first year program at Carseldine will allow students to transfer to all Science majors at Gardens Point campus to complete the Bachelor of Applied Science degree, except for Physics and Mathematics majors which must be done wholly at Gardens Point.

Students should undertake THREE of the four foundation units (LSB118 Life Science, MAB101 Statistical Data Analysis 1, NRB100 Environmental Science, PCB101 Physical Science), according to the requirements of their intended major. Most majors require MAB101, and if students have not done Maths B at year 12 level, they will need to take MAB105 in semester 1, before progressing to MAB101 in second semester.

Upon completion of the first year program students must meet the minimum requirements for entry in order to transfer to the Bachelor of Applied Science (SC01) at Gardens Point Campus. For further details of the major areas of study offered, see the Bachelor of Applied Science (SC01) course offered at Gardens Point Campus

#### Semester 1

LSB118	Life Science
	Three units from:
MAB105	Preparatory Mathematics
NRB100	Environmental Science
PCB101	Physical Science
PCB140	Introductory Chemistry

#### Semester 2

	Four units from:
LSB238	Cell and Molecular Biology 1
MAB101	Statistical Data Analysis 1
NRB230	Planet Earth
NRB270	Animal and Plant Structure and Function
PCB242	Chemistry 2

### ■ Bachelor of Applied Science (Medical Science) (LS37)

**Award title:** Bachelor of Applied Science (Medical Science)

**CRICOS code:** 020331D

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Trevor Forster

### Special Course Requirements

Students are required to undertake a minimum four-week work experience program in a practising pathology laboratory. This takes place at the end of the second year in the full-time program and in a suitable vacation period during the part-time program.

Proof of successful vaccination against Hepatitis B must be provided by students at the end of first semester of year two of the program.

### Professional Recognition

Graduates are immediately eligible for graduate membership of the Australian Institute of Medical Scientists and will have completed the academic requirements for admission as Members.

### Full-time Course Structure

#### Year 1, Semester 1

LSB118	Life Science
MAB141	Mathematics and Statistics for Medical Science
PCB142	Chemistry 1
PCB150	Physics 1H

#### Year 1, Semester 2

LSB238	Cell and Molecular Biology 1
LSB250	Human Physiology
LSB255	Human Anatomy
PCB242	Chemistry 2

#### Year 2, Semester 1

LSB325	Biochemistry
LSB328	Microbiology 1
LSB338	Cell and Molecular Biology 2
LSB365	Pathology

#### Year 2, Semester 2

LSB425	Quantitative Medical Science
LSB435	Diagnostic Microbiology 1
LSB438	Immunology 1
LSB465	Histopathology 1
LSB480	Professional Practice

#### Year 3, Semester 1

LSB525	Clinical Biochemistry 1
LSB535	Microbial Immunology
LSB555	Haematology 1
LSB565	Histopathology 2

#### Year 3, Semester 2

LSB625	Clinical Biochemistry 2
LSB635	Diagnostic Microbiology 2
LSB655	Haematology 2
LSB665	Immunohaematology

### Part-time Course Structure

#### Year 1, Semester 1

LSB118	Life Science
MAB141	Mathematics and Statistics for Medical Science

#### Year 1, Semester 2

LSB238	Cell and Molecular Biology 1
LSB250	Human Physiology

#### Year 2, Semester 1

PCB142	Chemistry 1
PCB150	Physics 1H

#### Year 2, Semester 2

LSB255	Human Anatomy
PCB242	Chemistry 2

#### Year 3, Semester 1

LSB325	Biochemistry
LSB328	Microbiology 1

#### Year 3, Semester 2

LSB425	Quantitative Medical Science
LSB435	Diagnostic Microbiology 1

#### Year 4, Semester 1

LSB338	Cell and Molecular Biology 2
LSB365	Pathology

#### Year 4, Semester 2

LSB438	Immunology 1
LSB465	Histopathology 1
LSB480	Professional Practice

#### Year 5, Semester 1

LSB525	Clinical Biochemistry 1
LSB535	Microbial Immunology

#### Year 5, Semester 2

LSB625	Clinical Biochemistry 2
LSB635	Diagnostic Microbiology 2

#### Year 6, Semester 1

LSB555	Haematology 1
LSB565	Histopathology 2

#### Year 6, Semester 2

LSB655	Haematology 2
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LSB665 Immunohaematology

## ■ Bachelor of Applied Science Innovation (For Continuing Students Only) (SC51)

**Award title:** Bachelor of Applied Science Innovation (Study Area A)

**CRICOS code:** 042262G

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Course duration (part-time):** For the part-time Course Structure, please consult the Course Coordinator

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Neville Bofinger

**Discipline coordinator:** To be advised (Bioinformatics); To be advised (Chemical Technology); Dr Ian Turner (Scientific Computation & Visualisation)

This course has been discontinued and students who still remain in the course should discuss their enrolment with the course coordinator.

### Course Structure

#### Bioinformatics

##### Year 1, Semester 1

LSB118	Life Science
MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1
	Either
PCB140	Introductory Chemistry
	Or
PCB142	Chemistry 1

##### Year 1, Semester 2

ITB111	Software Development 1
LSB238	Cell and Molecular Biology 1
MAB111	Mathematical Sciences 1B
PCB242	Chemistry 2

##### Year 2, Semester 1

ITB112	Software Development 2
LSB308	Biochemistry
LSB338	Cell and Molecular Biology 2
MAB481	Visualisation and Data Analysis

##### Year 2, Semester 2

LSB468	Molecular Biology
MAB380	Introduction to Supercomputing
	Core Business / IT unit
	Core Business / IT unit

##### Year 3, Semester 1

LSB537	Genetic Engineering
MAB580	Scientific Computation
	Core Business / IT unit
	Core Business / IT unit

##### Year 3, Semester 2

LSB608	Protein Science
LSB619	Genomics & Bioinformatics
MAB681	Advanced Visualisation and Data Analysis
	Core Business / IT unit

##### Year 3, Semester 2

	Core Business / IT unit
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**Note:** Applicable Computing (3 information technology/supercomputing units) is incorporated as the elective stream in the Bioinformatics major

### Chemical Technology

##### Year 1, Semester 1

MAB101	Statistical Data Analysis 1
PCB142	Chemistry 1
PCB150	Physics 1H
	Core Business / IT unit

##### Year 1, Semester 2

MAB100	Mathematical Sciences 1A
PCB200	Chemical Technology 1
PCB242	Chemistry 2
	Core Business / IT unit

##### Year 2, Semester 1

PCB305	Principles of Physical Chemistry
PCB354	Structure and Mechanism in Organic Chemistry
	Core Business / IT unit
	Elective stream unit

**Year 2, Semester 2**

PCB414	Industrial and Environmental Analytical Chemistry
PCB434	Inorganic Chemistry
PCB444	Spectroscopy
	Core Business / IT unit

**Year 3, Semester 1**

PCB514	Instrumental Analysis
PCB524	Unit Operations
	Core Business / IT unit
	Elective stream unit

**Year 3, Semester 2**

PCB624	Chemistry in Industry and Technology
PCB644	Frontiers in Chemistry
	Core Business / IT unit
	Elective stream unit

**Scientific Computation and Visualisation****Year 1, Semester 1**

ITB111	Software Development 1
MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1
	Core Business / IT unit

**Year 1, Semester 2**

ITB112	Software Development 2
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB220	Computational Mathematics 1

**Year 2, Semester 1**

MAB481	Visualisation and Data Analysis
	Mathematics unit *
	Core Business / IT unit
	Core Business / IT unit

**Year 2, Semester 2**

MAB210	Statistical Modelling 1
MAB380	Introduction to Supercomputing
	Mathematics unit *
	Elective stream unit

**Year 3, Semester 1**

MAB580	Scientific Computation
	Mathematics unit *
	Core Business / IT unit
	Elective stream unit

**Year 3, Semester 2**

MAB681	Advanced Visualisation and Data Analysis
	Mathematics unit *
	Core Business / IT unit
	Elective stream unit

**\* Mathematics Units - Choose from one of the following emphases (others may be negotiated with the Course Coordinator)**

GENERAL/APPLIED EMPHASIS:

MAB311	Advanced Calculus
MAB521	Applied Mathematics 3
	Either
MAB523	Introduction to Quality Management
	Or
MAB621	Discrete Mathematics
	OR

FINANCIAL MATHEMATICS EMPHASIS:

MAB313	Mathematics of Finance
MAB623	Financial Mathematics
	Either
MAB523	Introduction to Quality Management
	Or
MAB621	Discrete Mathematics

COMPUTATIONAL MATHEMATICS EMPHASIS:

MAB312	Linear Algebra
MAB420	Computational Mathematics 2
MAB522	Computational Mathematics 3
MAB621	Discrete Mathematics

**Core Business / IT Units and Elective Stream Units**

**Business and Information Technology core units (72 credit points)**

Six specific units introducing business, innovation, communication, and information technology:

AMB251	Innovation and Market Development
BSB126	Marketing
ITB111	Software Development 1
ITB115	Introduction to Databases
ITB116	IT Professional Studies 1

Either

MGB218	Venture Skills
	Or

MGB223	Creating New Enterprises
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\*ITB650 Computational Intelligence is offered as a substitute unit for ITB111 Software Development 1 for BAppScInnov students in the Chemical Technology major who do not wish to undertake the applicable Computing stream.

**Elective Streams (one to be chosen) (36 credit points)**

(a) Applicable Computing: Three approved units chosen from the Bachelor of Information Technology course and/or the supercomputing program

(b) Commercialisation: LSB309 Introduction to Intellectual Property Law; AND two approved units from the Bachelor of Business course

(c) Scientific Project: Scientific project unit (eg PCB604 Project {12 cp}; MAB640 Industry Project {24 cp, prereq MAB523}) and supporting units chosen from:

An advanced level science unit relevant to the project

BSB311 Research, Development and Commercialisation Strategies

LSB309 Introduction to Intellectual Property Law

MAB523 Introduction to Quality Management

## ■ Bachelor of Applied Science/Bachelor of Mathematics (SC20)

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Mathematics

**CRICOS code:** 049434C

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Megan Hargreaves (Science); Dr Graeme Pettet (Mathematics)

**Professional Recognition**

Membership of the Australian Mathematical Society, the Statistical Society of Australia Inc and the Australian Society for Operations Research is available. For professional recognition relating to the science majors refer to SC01 Bachelor of Applied Science.

**Course Design**

This four year double degree course integrates studies in one of the science majors with studies in Mathematics. The Science majors available are Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Forensic Science, Geoscience, Microbiology and Physics.

**Course Structure**

Students must complete at least (a) 192 credit points (16 twelve credit point units) of Mathematics units and (b) 192 credit points of Science units, according to the requirements as follows:

**Level 1 Units:**

Students must complete the following Level 1 Mathematics units:

MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1

**Note:** MAB100 is for students who do not have an exit assessment of at least Sound Achievement in four semesters of both Senior Mathematics B and Senior Mathematics C.

Students must complete at least two of the following Level 1 Science Foundation units:

LSB118	Life Science
NRB100	Environmental Science
PCB101	Physical Science

In addition, students are required to complete any mandatory units and should complete all recommended units specified for the science major they select from those available in the SC01 Bachelor of Applied Science course.

**Level 2 and 3 Mathematics Units:**

At least 120 credit points (10 twelve credit point units) must be taken from Level 2 and Level 3 Mathematics units with at least 48 credit points (4 twelve credit point units) from Level 3 Mathematics units:

Students must complete:  
MAB311 Advanced Calculus  
MAB312 Linear Algebra  
And at least one of:  
MAB315 Operations Research 2  
MAB413 Differential Equations  
MAB414 Applied Statistics 2  
MAB422 Mathematical Modelling

**Level 2 and 3 Science Units:**

At least 96 credit points (8 twelve-credit point units) must be taken from Level 2 and Level 3 Science units with at least 48 credit points (4 twelve credit point units) from Level 3 Science units. The science units must meet the advanced level requirements of one of the following majors of the SC01 Bachelor of Applied Science course: Biochemistry; Biotechnology; Chemistry; Ecology; Environmental Science; Geoscience; Microbiology; Physics.

**Elective Units:**

Elective units (number depends upon major selected) can be taken from Faculty of Science units. Because up to two MAB units may normally be specified in a Science degree depending on the major selected, an equivalent number of units may be substituted with units from another Faculty if such units are required as prerequisites.

**Science Units: Level 1 Science Foundation Units**

Students must select at least two of these units:

LSB118 Life Science  
NRB100 Environmental Science  
PCB101 Physical Science

**Science Units: Biochemistry Major**

**Level 1**

LSB118 Life Science  
LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2

Either  
PCB140 Introductory Chemistry  
Or

PCB142 Chemistry 1  
Recommended Unit:  
LSB258 Principles of Human Physiology

**Level 2**

LSB308 Biochemistry  
LSB408 Metabolism  
Two other Level 2 units selected from:  
LSB338 Cell and Molecular Biology 2  
LSB449 Human Cell Biology  
LSB468 Molecular Biology  
LSB605 Protein Engineering and Bioprocessing

**Level 3**

LSB508 Advanced Metabolism  
LSB608 Protein Science  
Two other Level 3 units selected from:  
LSB509 Medical Biotechnology  
LSB527 Biomedical Research Technologies  
LSB537 Genetic Engineering  
LSB607 Protein Purification  
LSB609 Medical Biotechnology 2  
LSB619 Genomics & Bioinformatics  
LSB698 Molecular Pathogenesis 2

**Science Units: Biotechnology Major**

**Level 1**

LSB118 Life Science  
LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2

Either  
PCB140 Introductory Chemistry  
Or

PCB142 Chemistry 1  
Recommended Unit:  
LSB258 Principles of Human Physiology

**Level 2**

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
LSB468 Molecular Biology  
Two other Level 2 units selected from:  
LSB328 Microbiology 1

LSB397 Plant Physiology  
LSB408 Metabolism  
LSB449 Human Cell Biology  
LSB497 Plant Molecular Biology  
LSB605 Protein Engineering and Bioprocessing

**Level 3**

LSB537 Genetic Engineering  
Three other Level 3 units selected from:  
LSB509 Medical Biotechnology  
LSB577 Plant Biotechnology 1  
LSB609 Medical Biotechnology 2  
LSB619 Genomics & Bioinformatics  
LSB677 Plant Biotechnology 2

**Science Units: Chemistry Major**

**Level 1**

PCB101 Physical Science  
PCB142 Chemistry 1  
PCB242 Chemistry 2  
Recommended Units:  
PCB200 Chemical Technology 1  
PCB260 Physics 1A

**Level 2**

PCB305 Principles of Physical Chemistry  
PCB354 Structure and Mechanism in Organic Chemistry  
PCB434 Inorganic Chemistry  
PCB444 Spectroscopy

**Level 3**

PCB505 Advanced Physical Chemistry  
PCB554 Synthesis and Reactivity in Organic Chemistry  
PCB634 Organometallic and Coordination Chemistry  
PCB644 Frontiers in Chemistry

**Science Units: Ecology Major**

**Level 1**

LSB118 Life Science  
NRB100 Environmental Science  
NRB270 Animal and Plant Structure and Function  
PCB101 Physical Science

Recommended Units:  
NRB230 Planet Earth  
NRB240 History of Life on Earth

**Level 2**

NRB301 Earth Surface Systems  
NRB311 Population Ecology  
NRB410 Genetics and Evolution  
NRB412 Experimental Design

**Level 3**

NRB510 Population Genetics  
NRB511 Population Management  
NRB610 Ecological Applications  
NRB611 Conservation Biology

**Science Units: Environmental Science Major**

**Level 1**

LSB118 Life Science  
NRB100 Environmental Science  
NRB240 History of Life on Earth  
Either

PCB140 Introductory Chemistry  
Or  
PCB142 Chemistry 1  
Recommended Units:

Planet Earth  
NRB230 Animal and Plant Structure and Function

**Level 2**

NRB301 Earth Surface Systems  
NRB311 Population Ecology  
NRB412 Experimental Design  
NRB440 Environmental Chemistry

**Level 3**

NRB500 Environmental Modelling  
NRB572 Terrestrial Ecosystems  
NRB600 Sustainable Environmental Management  
NRB672 Marine and Freshwater Ecosystems

**Science Units: Forensic Science Major**

**Level 1**

LSB118 Life Science  
PCB101 Physical Science

LSB238 Cell and Molecular Biology 1  
 NRB270 Animal and Plant Structure and Function  
 PCB242 Chemistry 2

Either  
 PCB142 Chemistry 1

Or  
 PCB140 Introductory Chemistry

Recommended:  
 LSB258 Principles of Human Physiology

**Note:** LSB118 and PCB101 are Foundation Units

#### Level 2

JSB937 Forensic Scientific Evidence  
 LSB468 Molecular Biology  
 PCB414 Industrial and Environmental Analytical Chemistry  
 SCB384 Crime Scene and Forensic Science

#### Level 3

PCB514 Instrumental Analysis  
 PCB584 Forensic Examination of Physical Evidence  
 PCB684 Forensic Analysis and Toxicology  
 LSB684 Forensic DNA Profiling

### Science Units: Geoscience Major

#### Level 1

NRB100 Environmental Science  
 NRB230 Planet Earth  
 NRB240 History of Life on Earth  
 PCB101 Physical Science

Either  
 PCB140 Introductory Chemistry

Or  
 PCB142 Chemistry 1

#### Level 2

NRB331 Sedimentary Geology  
 NRB333 Mineralogy  
 NRB434 Structural Geology and Field Methods  
 NRB436 Introduction to Igneous and Metamorphic Petrology

#### Level 3

NRB533 Advanced Geological Mapping  
 NRB534 Geophysics  
 NRB536 Petrology and Geochemistry  
 One of other Level 3 units:  
 NRB535 Geology of Fossil Fuels  
 NRB633 Hydrogeology  
 NRB635 Plate Tectonics and Advanced Structural Geology  
 NRB636 Stratigraphy and Basin Analysis  
 PSB655 Remote Sensing

### Science Units: Microbiology Major

#### Level 1

LSB118 Life Science  
 LSB238 Cell and Molecular Biology 1  
 NRB270 Animal and Plant Structure and Function  
 PCB242 Chemistry 2

Either  
 PCB140 Introductory Chemistry

Or  
 PCB142 Chemistry 1

Recommended Unit:  
 LSB258 Principles of Human Physiology

#### Level 2

LSB308 Biochemistry  
 LSB328 Microbiology 1  
 LSB428 Microbiology 2  
 Other Level 2 units:  
 LSB338 Cell and Molecular Biology 2  
 LSB358 Physiology 1  
 LSB408 Metabolism  
 LSB458 Physiology 2  
 LSB468 Molecular Biology

#### Level 3

Select at least four units from:  
 LSB528 Environmental Microbiology  
 LSB547 Bacterial Pathogenesis and Disease Diagnosis  
 LSB568 Electron Microscopy  
 LSB578 Virology  
 LSB628 Food Microbiology  
 LSB647 Clinical Mycology and Parasitology  
 LSB648 Molecular Microbiology

### Science Units: Physics Major

#### Level 1

PCB101 Physical Science  
 PCB250 Physics 1  
 PCB260 Physics 1A

Recommended:  
 PCB107 Physics and Quantitative Techniques

Mathematics units equivalent to: #

MAB131 Engineering Mathematics 1A

MAB132 Engineering Mathematics 1B

#### Level 2

PCB361 AC Theory and Electronics  
 PCB362 Physics 2  
 PCB460 Instrumentation and Computational Methods  
 PCB462 Thermodynamics and Solid State Physics  
 Mathematics unit equivalent to: #  
 MAB134 Electrical Engineering Mathematics 3

**#Note:** Engineering Mathematics units have been listed under this major as these are the requirements for the Physics major in SC01 Bachelor of Applied Science. \*You should not enrol in these units.\* The equivalent Mathematics units are MAB100, MAB111, MAB112 and MAB311. Students who may have already completed some or all of the Engineering Mathematics units should consult the Mathematics Course Coordinator for SC20.

#### Level 3

PCB561 Quantum and Condensed Matter Physics  
 PCB562 Physical Methods of Analysis  
 PCB661 Experimental Physics  
 PCB665 Physics 3

### Mathematics Units

#### Level 1

MAB100 Mathematical Sciences 1A  
 MAB101 Statistical Data Analysis 1  
 MAB111 Mathematical Sciences 1B  
 MAB112 Mathematical Sciences 1C  
 MAB210 Statistical Modelling 1  
 MAB220 Computational Mathematics 1

**Note:** MAB100 for students who do not have an exit assessment of at least Sound Achievement in four semesters of both Senior Mathematics B and Senior Mathematics C

#### Level 2

MAB311 Advanced Calculus  
 MAB312 Linear Algebra  
 At least one of:  
 MAB315 Operations Research 2  
 MAB413 Differential Equations  
 MAB414 Applied Statistics 2  
 MAB422 Mathematical Modelling  
 Other Level 2 units:  
 MAB313 Mathematics of Finance  
 MAB314 Statistical Modelling 2  
 MAB420 Computational Mathematics 2  
 MAB480 Introduction to Scientific Computation  
 MAB481 Visualisation and Data Analysis

#### Level 3

Select at least four units from:  
 MAB521 Applied Mathematics 3  
 MAB522 Computational Mathematics 3  
 MAB524 Statistical Inference  
 MAB525 Operations Research 3A  
 MAB526 Statistical Science 3  
 MAB580 Scientific Computation  
 MAB613 Partial Differential Equations  
 MAB623 Financial Mathematics  
 MAB624 Applied Statistics 3  
 MAB625 Operations Research 3B  
 MAB640 Industry Project  
 MAB672 Advanced Mathematical Modelling  
 MAB681 Advanced Visualisation and Data Analysis  
 Other Level 3 units:  
 MAB523 Introduction to Quality Management  
 MAB621 Discrete Mathematics  
 Students should check semester of offer, prerequisites and corequisites

**Note:** MAB420 Computational Mathematics 2 and MAB481 Visualisation and Data Analysis require ITB111 Software Development 1 to be taken as an elective and MAB380 Introduction to Supercomputing

requires ITB111 Software Development 1 and ITB112 Software Development 2 to be taken as electives.

## ■ Bachelor of Biomedical Science (SC40)

**Award title:** Bachelor of Biomedical Science

**CRICOS code:** 052768K

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Catherine Dallemagne

### Professional Recognition

Depending on the subjects selected in the final year of the course, graduates will be eligible for membership of one or more of the following organisations: Australian Association of Clinical Biochemists, AusBiotech Ltd, Australian Society for Microbiology.

### Course Structure

#### Year 1, Semester 1

LSB118 Life Science  
MAB141 Mathematics and Statistics for Medical Science  
PCB142 Chemistry 1  
PYB007 Interpersonal Processes and Skills

#### Year 1, Semester 2

LSB238 Cell and Molecular Biology 1  
LSB255 Human Anatomy  
PCB150 Physics 1H  
PCB242 Chemistry 2

#### Year 2, Semester 1

LSB308 Biochemistry  
LSB328 Microbiology 1  
LSB338 Cell and Molecular Biology 2  
LSB358 Physiology 1

#### Year 2, Semester 2

HHB114 Introduction To Human Rights And Ethics  
LSB425 Quantitative Medical Science  
LSB449 Human Cell Biology  
LSB458 Physiology 2

#### Year 3, Semester 1

LSB468 Molecular Biology  
LSB509 Medical Biotechnology  
LSB525 Clinical Biochemistry 1  
LSB547 Bacterial Pathogenesis and Disease Diagnosis

#### Year 3, Semester 2

LSB609 Medical Biotechnology 2  
LSB625 Clinical Biochemistry 2  
LSB647 Clinical Mycology and Parasitology  
LSB658 Clinical Physiology

**Note for Year 3:** In Year 3, you may substitute one pair of units (LSB509 and LSB609, or LSB525 and LSB625, or LSB547 and LSB647) with any pair of units from the following list: (Please consult the course coordinator if you wish to do this)

HEALTH COUNSELLING  
Semester 1:  
PYB012 Psychology  
Semester 2:  
PYB208 Counselling Theory and Practice 1  
PUBLIC HEALTH  
Semester 1:  
PUB104 Introduction to Health Services Management  
Semester 2:  
PUB251 Contemporary Public Health  
EXERCISE SCIENCE FOR PREVENTIVE MEDICINE  
Semester 1:  
HMB271 Foundations Of Motor Control, Learning And Development  
Semester 2:  
HMB273 Exercise Physiology 1  
INDIGENOUS PERSPECTIVES  
Semester 1:  
HHB123 Indigenous Australian Culture Studies  
Semester 2:  
HHB276 Indigenous Knowledge: Research Ethics and Protocols  
CONTEMPORARY ETHICS

Semester 1:  
HHB270 Gene Technology And Ethics  
Semester 2:  
HHB269 Ethics, Technology And The Environment

## ■ Bachelor of Biotechnology Innovation (Extended/Non-Accelerated) (LS50)

**Award title:** Bachelor of Biotechnology Innovation

**CRICOS code:** 037681J

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Course duration (part-time):** 8 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Chris Collet

### Professional Recognition

On graduation, students are immediately eligible for graduate membership of AusBiotech Ltd and the Australian Society of Biochemistry and Molecular Biology.

### Course Structure

#### Year 1, Semester 1

LSB118 Life Science  
LSB309 Introduction to Intellectual Property Law  
MAB101 Statistical Data Analysis 1  
PCB142 Chemistry 1

#### Year 1, Semester 2

BSB115 Management, People and Organisations  
LSB238 Cell and Molecular Biology 1  
LSB258 Principles of Human Physiology  
PCB242 Chemistry 2

#### Year 2, Semester 1

BSB110 Accounting  
LSB325 Biochemistry  
LSB338 Cell and Molecular Biology 2  
LSB397 Plant Physiology

#### Year 2, Semester 2

BSB119 International and Electronic Business  
LSB468 Molecular Biology  
LSB497 Plant Molecular Biology  
LSB605 Protein Engineering and Bioprocessing

#### Year 3, Semester 1

BSB126 Marketing  
LSB328 Microbiology 1  
LSB509 Medical Biotechnology  
LSB577 Plant Biotechnology 1

#### Year 3, Semester 2

AMB251 Innovation and Market Development  
LSB609 Medical Biotechnology 2  
LSB677 Plant Biotechnology 2  
MGB218 Venture Skills

#### Year 4, Semester 1

BSB310 Business and Biotechnology  
LSB409 Readings in Biotechnology  
LSB537 Genetic Engineering  
LSB709-1 Biotechnology Research Project

#### Year 4, Semester 2

BSB311 Research, Development and Commercialisation Strategies  
LSB619 Genomics & Bioinformatics  
LSB709-2 Biotechnology Research Project  
LSB709-3 Biotechnology Research Project

## ■ Bachelor of Biotechnology Innovation (Standard/Accelerated) (LS50)

**Award title:** Bachelor of Biotechnology Innovation

**CRICOS code:** 037681J

**Location:** Gardens Point

**Course duration (full-time):** 3 years

**Course duration (part-time):** 6 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Chris Collet

### Special Course Requirements

The accelerated mode of the course requires students to study in three semesters per year.

### Professional Recognition

On graduation, students are immediately eligible for graduate membership of AusBiotech Ltd and the Australian Society of Biochemistry and Molecular Biology.

### Course Structure

#### Year 1, Semester 1

LSB118 Life Science  
LSB309 Introduction to Intellectual Property Law  
MAB101 Statistical Data Analysis 1  
PCB142 Chemistry 1

#### Year 1, Semester 2

BSB115 Management, People and Organisations  
LSB238 Cell and Molecular Biology 1  
LSB258 Principles of Human Physiology  
PCB242 Chemistry 2

#### Year 1, Summer Program

BSB110 Accounting  
BSB119 International and Electronic Business  
BSB126 Marketing

#### Year 2, Semester 1

LSB325 Biochemistry  
LSB328 Microbiology 1  
LSB338 Cell and Molecular Biology 2  
LSB397 Plant Physiology

#### Year 2, Semester 2

AMB251 Innovation and Market Development  
LSB468 Molecular Biology  
LSB497 Plant Molecular Biology  
LSB605 Protein Engineering and Bioprocessing  
MGB218 Venture Skills

#### Year 3, Semester 1

BSB310 Business and Biotechnology  
LSB509 Medical Biotechnology  
LSB537 Genetic Engineering  
LSB577 Plant Biotechnology 1

#### Year 3, Semester 2

BSB311 Research, Development and Commercialisation Strategies  
LSB409 Readings in Biotechnology  
LSB609 Medical Biotechnology 2  
LSB619 Genomics & Bioinformatics  
LSB677 Plant Biotechnology 2

#### Year 3, Summer Program

LSB709-1 Biotechnology Research Project  
LSB709-2 Biotechnology Research Project  
LSB709-3 Biotechnology Research Project

MAB210 Statistical Modelling 1  
MAB220 Computational Mathematics 1

**Note:** MAB100 is for students who do not have an exit assessment of at least Sound Achievement in four semesters of both Senior Mathematics B and Senior Mathematics C

At least 120 credit points (10 units) must be taken from Level 2 and Level 3 mathematics units with at least 48 credit points from Level 3 mathematics units

#### Level 2 Units

MAB311 Advanced Calculus  
MAB312 Linear Algebra  
At least one of  
MAB315 Operations Research 2  
MAB413 Differential Equations  
MAB414 Applied Statistics 2  
MAB422 Mathematical Modelling  
Other Level 2 units

MAB313 Mathematics of Finance  
MAB314 Statistical Modelling 2  
MAB420 Computational Mathematics 2  
MAB480 Introduction to Scientific Computation  
MAB481 Visualisation and Data Analysis

#### Level 3 Units

At least four units from  
MAB521 Applied Mathematics 3  
MAB522 Computational Mathematics 3  
MAB524 Statistical Inference  
MAB525 Operations Research 3A  
MAB526 Statistical Science 3  
MAB580 Scientific Computation  
MAB613 Partial Differential Equations  
MAB623 Financial Mathematics  
MAB624 Applied Statistics 3  
MAB625 Operations Research 3B  
MAB640 Industry Project  
MAB672 Advanced Mathematical Modelling  
MAB681 Advanced Visualisation and Data Analysis  
Other Level 3 Units:  
MAB523 Introduction to Quality Management  
MAB621 Discrete Mathematics

#### Other Units

Up to a maximum of 96 credit points may be taken, normally from Information Technology and Business units with not more than 48 credit points from first level units. You can take units from a different area with permission from the Course Coordinator.

## ■ Bachelor of Mathematics (MA54)

**Award title:** Bachelor of Mathematics

**CRICOS code:** 049433D

**Location:** Gardens Point

**Course duration (full-time):** 3 Years

**Course duration (part-time):** 6 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor Ian Turner

### Professional Recognition

Membership of the Australian Mathematical Society, the Statistical Society of Australia Inc and the Australian Society for Operations Research is available.

### Course Structure - Bachelor of Mathematics

Students must complete at least 192 credit points (16 twelve credit point units) of mathematics units

#### Level 1 Units

MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C



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## Section Three – Course Information

# International College

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## OVERVIEW

QUT International College (QUTIC), an integral part of QUT, offers a range of programs to assist international students to meet university entry requirements at QUT and other Australian universities. In addition, the College offers English Language Programs for students who wish to upgrade their English Language skills for work or other purposes.

The programs, designed to meet the different needs of international students, include English for Academic Purposes, General English, Foundation, University Diplomas, Bridging and Postgraduate Pathway Programs.

Students receive high quality tuition and support in small classes and excellent College facilities while at the same time enjoying the full use of all University facilities including libraries, student services, recreational and computer facilities.

## SENIOR STAFF

*Director, QUT International College:* Ms Elizabeth McDade, TDipCom Strathclyde, TCert Jordanhill, BEdSt Qld, MAcc C.Sturt

*Director of Studies, University Entry Programs:* Vacant

*Director of Studies, English Language Programs:* Mr Ian McGregor, MEd(TESOL) NE, PGDipSocSci Qld, GradDipEd BA Griff

*Senior Administration Coordinator, QUTIC Administration:* Mrs B. Hosegood, BA (ACS) Griff, ATEM

## ■ Bridging Program (QC03)

**CRICOS code:** 003518A

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Acting - Josephine Healy

### Entry Requirements- English Language

IELTS 6.0 with no sub-score less than 5.0 or TOEFL 550 (paper) or TOEFL 213 (CBT) or equivalent, or successful completion of the EAP program (N.B. Students should also check visa requirements).

### Progression

In order to progress to an award course, students must:

- i) fulfil the Bridging course requirements
- ii) gain a minimum grade of 4 (Pass) in Communication 2 or an IELTS 6.5 or equivalent,
- iii) meet any other conditions detailed in the 'letter of offer' from International Student Business Services.

### Full-time Course Structure

#### Stream A # (for those with IELTS 6.0)

QCD111	Communication 1
QCD211	Communication 2
QCS230	Computing
	DEGREE UNIT

#### Stream B (for those with IELTS 6.5)

QCD111	Communication 1
QCD211	Communication 2
	DEGREE One
	DEGREE Two

**Note:** #If you have advanced standing, you may be able to undertake two degree units during your Bridging Program

## ■ English for Academic Purposes for degree programs (QC10)

**CRICOS code:** 011424G

**Location:** Kelvin Grove

**Course duration (full-time):** 12 weeks

**Total credit points:** 48

**Course coordinator:** Judith Douse

### Entry Requirements - Academic

To be eligible for entry, applicants must either:

1. Have an offer of a place in a QUT degree program and successfully complete the relevant EAP entry test; or
2. Produce original documentary evidence of an IELTS score of a minimum 5.5 with no sub-score less than 5.0 (or approved equivalent).

### Entry Requirements - English Language

For EAP followed by direct degree entry, students require successful completion of an EAP entry test OR IELTS 5.5 (with no sub-score less than 5.0). For EAP followed by Foundation or Diploma, students require successful completion of an EAP entry test OR IELTS 5.0 (with Reading & Writing sub-scores of at least 5.0) N.B. Students should also check visa requirements.

### Progression

Successful completion of an EAP course is a pathway into QUT International College Foundation, Diploma, Certificate or Bridging programs; or QUT undergraduate or postgraduate award programs. The course is recognised by all QUT faculties.

### Course Structure

#### Modules

QCE003 English for Academic Purposes for Direct Entry to QUT  
The EAP course consists of the following integrated modules:  
Seminars and Presentations  
Academic Reading and Note-making

Academic Writing  
Listening and Note-taking from Lectures  
Speaking in Academic Settings  
Academic Study Skills  
Computer Word-processing and Internet  
Library Research

## ■ English for Academic Purposes for Foundation and University Diploma Programs (QC10)

**CRICOS code:** 011424G

**Location:** Kelvin Grove

**Course duration (full-time):** 12 weeks

**Total credit points:** 48

**Course coordinator:** Judith Douse

### Progression

Successful completion of this EAP course is a pathway into QUT International College Foundation and Diploma programs and the Associate Degree in Dance.

#### Modules

QCE004 English for Academic Purposes for QUTIC Courses  
The EAP course consists of the following integrated modules:  
Seminars and Presentations  
Academic Reading and Note-making  
Academic Writing  
Listening and Note-taking from Lectures  
Speaking in Academic Settings  
Academic Study Skills  
Computer Word-processing and Internet  
Library Research

## ■ Foundation Program (1 Semester) (QC01)

**CRICOS code:** 003287M

**Location:** Kelvin Grove

**Course duration (full-time):** 1 semester

**Total credit points:** 60

**Course coordinator:** Acting - Lesley Chiu

### Progression

Conditions of progressing to a guaranteed place in first year of a QUT degree:

- i) fulfil the Foundation course requirements,
- ii) obtain a grade of 5 (Credit) in Communication 2 or an IELTS 6.5 or equivalent,
- iii) obtain a Grade Point Average (GPA) in the final semester as indicated in the table of Faculty requirements below:

### Required Foundation Grade Point Average by Faculty

Law - Justice Studies - Required GPA 4.2  
Humanities & Human Services - Required GPA 4.2  
Creative Industries - Required GPA 4.4  
Built Environment - Required GPA 4.6  
Engineering (except Aerospace Avionics) - Required GPA 4.6  
Education - Required GPA 4.6  
Health (except Optometry & Psychology) - Required GPA 4.6  
Science - Required GPA 4.6  
Business - Required GPA 4.8  
Law (except Justice Studies) - Required GPA 4.8  
Information Technology - Required GPA 4.8  
Health - Psychology - Required GPA 5.0  
Engineering - Aerospace Avionics - Required GPA 5.8  
Health - Optometry - Required GPA 5.8  
N.B. Grades in each unit are awarded on a scale from 1 to 7, with 7 being the highest.

### Full-time Course Structure

#### Semester 1

QCF212	Communication 2
QCF211	Tertiary Preparation Studies 2
QCF256	Mathematics A2

	OR
QCF257	Mathematics B2
	OR
QCF260	Professional Studies
	+ TWO ELECTIVES from the following list
QCF122	Organisations And Management
QCF160	Introduction to Creativity
QCF121	Economics 1
QCF220	Accounting 2
QCF221	Economics 2
QCF254	Physics
QCF255	Chemistry
QCF210	Applied Psychology
QCF230	Information Processing
QCF252	Life Science
QCF240	Legal Studies

**Note:** QCF121 can only be taken under special circumstances and with the approval of the Course Coordinator.

QCF252 and QCF240 are only offered in ALTERNATE semesters.

## ■ Foundation Program (2 Semesters) (QC02)

**CRICOS code:** 003287M

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Total credit points:** 120

**Standard credit points per semester (full-time):** 60

**Course coordinator:** Acting - Lesley Chiu

### Progression

Conditions of progressing to a guaranteed place in first year of a QUT degree :

- fulfil the Foundation course requirements,
- obtain a grade of 5 in Communication 2 or an IELTS 6.5 or equivalent,
- obtain a Grade Point Average (GPA) in the final semester as indicated in the table of Faculty Requirements below:

Students who do not meet requirements for a guaranteed place in either a QUT degree or University Diploma Program, may still be considered for entry by the relevant faculty.

### Required Foundation Grade Point Average by Faculty

Law - Justice Studies - Required GPA 4.2
Humanities & Human Services - Required GPA 4.2
Creative Industries - Required GPA 4.4
Built Environment - Required GPA 4.6
Engineering (except Aerospace Avionics) - Required GPA 4.6
Education - Required GPA 4.6
Health (except Optometry & Psychology) - Required GPA 4.6
Science - Required GPA 4.6
Business - Required GPA 4.8
Law (except Justice Studies) - Required GPA 4.8
Information Technology - Required GPA 4.8
Health - Psychology - Required GPA 5.0
Engineering - Aerospace Avionics - Required GPA 5.8
Health - Optometry - Required GPA 5.8

N.B. Grades in each unit are awarded on a scale from 1 to 7, with 7 being the highest.

### Semester 1

QCF112	Communication 1
QCF111	Tertiary Preparation Studies 1
QCF156	Mathematics A1
	OR
QCF157	Mathematics B1
	+ TWO ELECTIVES from the following list
QCF120	Accounting 1
QCF121	Economics 1
QCF122	Organisations And Management
QCF153	Physical Sciences 1
QCF160	Introduction to Creativity
QCF252	Life Science
QCF240	Legal Studies

**Note:** QCF252 and QCF240 are only offered in ALTERNATE semesters.

### Semester 2

QCF212	Communication 2
QCF211	Tertiary Preparation Studies 2
QCF256	Mathematics A2
	OR
QCF257	Mathematics B2
	OR
QCF260	Professional Studies
	+TWO ELECTIVES from the following list
QCF122	Organisations And Management
QCF160	Introduction to Creativity
QCF121	Economics 1
QCF220	Accounting 2
QCF221	Economics 2
QCF254	Physics
QCF255	Chemistry
QCF210	Applied Psychology
QCF230	Information Processing
QCF252	Life Science
QCF240	Legal Studies
	Approved diploma units (Business, IT or Professional Communication students only)

**Note:** QCF252 and QCF240 are only offered in ALTERNATE semesters.

QCF121 can only be taken under special circumstances and with the approval of the Course Coordinator.

## ■ Extended Foundation Program (3 Semesters) (QC04)

**CRICOS code:** 050167G

**Location:** Kelvin Grove

**Course duration (full-time):** 3 Semesters

**Total credit points:** 132

**Standard credit points per semester (full-time):** 13TP1 - 48CP, 13TP2 - 60CP, 13TP3 - 24CP

**Course coordinator:** Acting - Lesley Chiu

### Entry Requirements - English Language

IELTS 5.5 with no sub-score less than 5.0 or TOEFL 525 (paper) or TOEFL 193 (CBT) or equivalent, or successful completion of the EAP program. (N.B. Students should also check visa requirements).

### Progression

Conditions of progressing to a guaranteed place in the first year of a QUT degree:

- fulfil the Foundation course requirements,
- obtain a grade of 5 in Communication 2 or an IELTS 6.5 or equivalent,
- obtain a Grade Point Average (GPA) as indicated in the table of Faculty Requirements below - calculated on five (5) Level 2 units:

Students who do not meet requirements for a guaranteed place in either a QUT degree or University Diploma Program, may still be considered for entry by the relevant faculty.

### Required Foundation Grade Point Average by Faculty

Law - Justice Studies - Required GPA 4.2
Humanities & Human Services - Required GPA 4.2
Creative Industries - Required GPA 4.4
Built Environment - Required GPA 4.6
Engineering (except Aerospace Avionics) - Required GPA 4.6
Education - required GPA 4.6
Health (except Optometry & Psychology) - Required GPA 4.6
Science - Required GPA 4.6
Business - Required GPA 4.8
Law (except Justice Studies) - Required GPA 4.8
Information Technology - Required GPA 4.8
Health - Psychology - Required GPA 5.0
Engineering - Aerospace Avionics - Required GPA 5.8
Health - Optometry - Required GPA 5.8

N.B. Grades in each unit are awarded on a scale from 1 to 7, with 7 being the highest.

### Semester 1

QCF115	Foundation English
QCF156	Mathematics A1 OR
QCF157	Mathematics B1 + TWO ELECTIVES from the following list
QCF120	Accounting 1
QCF121	Economics 1
QCF153	Physical Sciences 1
QCF160	Introduction to Creativity
QCF122	Organisations And Management
QCF252	Life Science
QCF240	Legal Studies

**Note:** QCF252 and QCF240 are only offered in ALTERNATE semesters.

### Semester 2

QCF111	Tertiary Preparation Studies 1
QCF112	Communication 1
QCF256	Mathematics A2 OR
QCF257	Mathematics B2 OR
QCF260	Professional Studies + TWO ELECTIVES from the following list
QCF122	Organisations And Management
QCF160	Introduction to Creativity
QCF121	Economics 1
QCF220	Accounting 2
QCF221	Economics 2
QCF254	Physics
QCF255	Chemistry
QCF210	Applied Psychology
QCF230	Information Processing
QCF252	Life Science
QCF240	Legal Studies
	Approved diploma units (Business, IT or Professional Communication students only)

**Note:** QCF252 and QCF240 are only offered in ALTERNATE semesters.

QCF121 can only be taken under special circumstances and with the approval of the Course Coordinator.

### Semester 3 (7 Week Teaching Period)

QCF211	Tertiary Preparation Studies 2
QCF212	Communication 2

**Note:** In this semester students focus on the higher level tertiary preparation and communication skills and attend 18 hours of study per week in their classes over a 7 week period.

## ■ General English (QC20)

**CRICOS code:** 011426E

**Location:** Kelvin Grove

**Course duration (full-time):** 5 weeks

**Total credit points:** 20

**Course coordinator:** Ian Davies

QCE001	General English (Full-time)
	English Language Structures & Systems
	Grammar
	Vocabulary
	Integrated Skills Development
	Cultural Studies
	Electives Activities Program

## ■ University Diploma in Business (BS40)

**Award title:** University Diploma in Business

**CRICOS code:** 025282A

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Elizabeth McDade

### Progression

Requirements for progression to the second year of QUT Bachelor of Business:

- i) fulfil the Diploma course requirements,
- ii) a minimum Grade Point Average (GPA) of 4, and

iii) an IELTS score of 6.5 or its equivalent.

## Full-time Course Structure

### Semester One

BSD110	Accounting
BSD113	Economics
BSD126	Marketing
QCD110	Communication for Business 1

### Semester Two

BSD122	Quantitative Analysis and Finance
BSD115	Management, People and Organisations
BSD119	International and Electronic Business
QCD210	Communication for Business 2

## ■ University Diploma in Information Technology (IT10)

**Award title:** University Diploma in Information Technology

**CRICOS code:** 025283M

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Elizabeth McDade

### Entry Requirements - English language

Queensland Senior English (Low Achievement) or IELTS 5.5 with no sub-score less than 5.0 or TOEFL 525 (paper), TOEFL 193 (CBT) or equivalent, or successful completion of the EAP program. (N.B. Students should also check visa requirements).

### Progression

Requirements for progression to the second year of QUT Bachelor of Information Technology:

- i) fulfil the Diploma course requirements,
- ii) a minimum Grade Point Average (GPA) of 4, and
- iii) an IELTS score of 6.5 or its equivalent.

## Full-time course structure

### Semester 1

ITD111	Software Development 1
ITD113	Systems Architecture
ITD115	Introduction to Databases
QCD120	Communication for Information Technology 1

### Semester 2

ITD112	Software Development 2
ITD114	Networking Systems
ITD116	IT Professional Studies 1
QCD220	Communication for Information Technology 2

## ■ University Diploma in Professional Communication (IF06)

**Award title:** University Diploma in Professional Communication

**CRICOS code:** 039083D

**Location:** Kelvin Grove

**Course duration (full-time):** 2 semesters

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Elizabeth McDade

### Entry Requirements - English language

Queensland Senior English (Low Achievement) or IELTS 5.5 with no sub-score less than 5.0 or TOEFL 525 (paper), TOEFL 193 (CBT) or equivalent, or successful completion of the EAP program. (N.B. Students should also check visa requirements).

### Progression

Requirements for a guaranteed place in the second year of the following QUT Bachelors degrees:

- i) fulfil the University Diploma course requirements,
- ii) an IELTS score of 6.5 or its equivalent,

iii) achieve a minimum Grade Point Average (GPA) as detailed below for the following course:

**Grade Point average of at least 4 for:**

Bachelor of Mass Communication  
Bachelor of Creative Industries (Interdisciplinary Studies)

**Grade Point Average of at least 4.5 for:**

Bachelor of Creative Industries (Media and Communication)  
Bachelor of Creative Industries (Creative Writing)  
Bachelor of Journalism

**Grade Point Average of at least 5.0 for:**

Bachelor of Creative Industries (Communication Design)  
Bachelor of Fine Arts (Film and Television)\*

\*Please note that students articulating to Bachelor of Fine Arts (Film and Television) will only receive 1 semester of credit.

**Full-time Course Structure**

**Semester 1**

KKD018 Creative Industries  
KKD818 Introduction to Multimedia Technology  
BSD126 Marketing  
QCD110 Communication for Business 1

**Note:** KKD018 and KKD818 are offered in ALTERNATE semesters.

**Semester 2**

KKD418 Cultures and Creativity  
KKD618 Writing For Creative Industries  
QCD210 Communication for Business 2  
Elective

**Note:** KKD418 and KKD618 are offered in ALTERNATE semesters.

**Business Electives**

BSD110 Accounting  
BSD113 Economics  
BSD114 Government, Business and Society  
BSD115 Management, People and Organisations  
BSD119 International and Electronic Business  
ITD111 Software Development 1  
ITD113 Systems Architecture  
ITD115 Introduction to Databases  
ITD114 Networking Systems  
ITD116 IT Professional Studies 1

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## ■ Doctor of Philosophy Regulations (IF49)

These regulations are found in the QUT Manual of Policies and Procedures (MOPP). Please refer to the MOPP for the latest updates.

Please contact individual faculties for details on individual PhD programs.

### Introduction

The main purpose of research graduate study is to encourage independence and originality of thought in the quest for knowledge. The Doctor of Philosophy degree is awarded in recognition of a student's erudition in a broad field of learning and for notable accomplishment in that field through an original and substantial contribution to knowledge. The candidate's research must reveal high critical ability and powers of imagination and synthesis, and may be in the form of new knowledge, or of significant and original adaptation, application and interpretation of existing knowledge.

### 1. General Conditions

1.1 The Council of the Queensland University of Technology was established in 1989 under the Queensland University of Technology Act.

1.2 This document sets out the Regulations governing the award of the degree of Doctor of Philosophy (PhD) at the Queensland University of Technology (QUT).

1.3 The Council's power to approve arrangements for the registration and examination of candidates for the degree of PhD at QUT is exercised through a Research Degrees Committee, which shall be a subcommittee of the University Research and Development Committee. In exercising this power, the Research Degrees Committee shall be advised by faculty academic boards, deans of faculties and heads of schools as appropriate.

1.4 The PhD will be awarded subject to the Research Degrees Committee receiving:

- a certificate of satisfactory completion of the candidate's approved course of study signed by the Principal Supervisor, Head of School and endorsed by the faculty;
- a declaration signed by the candidate that she/he has not been a candidate for another tertiary award during the tenure of their PhD candidature without the permission of the Research Degrees Committee;
- a declaration signed by the candidate stating original authorship of the thesis;
- an application for the conferral of the degree, signed by the Principal Supervisor, Director of Centre, Head of School as appropriate stating that the candidate has satisfactorily completed the examination process including completing any revisions or re-examination required by the external examiners; and
- at least one final copy of the thesis in the prescribed format.

### 2. Definitions

2.1 Candidate means any person admitted to the planned program of research leading to the degree of PhD.

2.2 Candidature means the period of study towards the degree of PhD being the period from the date of commencement as advised by the Research Students Centre until the thesis is submitted for examination, after which time the candidate holds the status of 'Under Examination' or until the candidature is terminated or the candidate withdraws.

2.3 Confirmed candidature means the period of study towards the degree of PhD from the date of successful completion of Confirmation of Candidature as approved by Research Degrees Committee to the approval of the award of the degree of PhD by the University Academic Board.

2.4 Collaborative research group means the group of researchers directly involved with the candidate's research project or a larger research project of which the candidate's study forms a part. This

does not include other researchers from any collaborating organisation who do not have input into the specific research project.

2.5 The degree of Doctor of Philosophy (PhD) at QUT signifies that the holder has undertaken a substantial piece of original research which has been conducted and reported under proper academic supervision and in a research environment for a prescribed period. The PhD's contribution to knowledge rests on the originality of the approach and/or interpretation of findings and, in some cases, the discovery of new knowledge. The award of a PhD demonstrates that the candidate has the ability to communicate research findings effectively in the professional arena and in an international context.

2.6 Examination means the formal testing of the candidate's thesis to critically evaluate whether the conditions for the award of the degree of PhD have been met.

2.7 Examination Committee means the committee of external examiners appointed to undertake examination of the candidate's thesis.

2.8 External candidate means a candidate who will undertake their study away from QUT campuses, that is, overseas, interstate, remote from Brisbane or at a place of professional employment or another research institution in Brisbane (for example Queensland Institute of Medical Research).

2.9 Faculty means the relevant faculty of QUT.

2.10 Faculty Committee means the duly constituted committee responsible for the management and oversight of postgraduate candidates within the faculty.

2.11 A Final Seminar means the public seminar called by the faculty to determine whether the thesis is acceptable for examination by the Examination Committee.

2.12 Internal candidate means a candidate who will complete their study whilst physically attending a campus of QUT and therefore there is no requirement for a Memorandum of Understanding from an external institution or an External Addendum from the student.

2.13 Masters by coursework means a master's degree, which has a research component comprising less than 67% of the total course of study.

2.14 Masters by research means a master's degree, which has a research component comprising 67% or more of the total course of study.

2.15 Prescribed Form means the required form found on the Research Students Centre website.

2.16 Professional Doctorate (Research) means a doctoral degree at QUT, which has a formal coursework component, comprising no more than 33% of the total course of study.

2.17 Professional Doctorate (Coursework) means a doctoral degree at QUT, which has a significant formal coursework component comprising more than 33% of the total course of study.

2.18 Recognised institution means any tertiary education institution accepted by the Research Degrees Committee for the purposes of these Regulations.

2.19 Research centre or centre means the relevant research centre of QUT.

2.20 Review Period means a period of up to three months after completion of a progress report, eg the Confirmation of Candidature, Annual report or interim faculty report during which the candidate is required to do more work until the faculty advises the Research Degrees Committee that the candidature should be continued or terminated.

2.21 School means the relevant school of QUT.

2.22 Thesis means the collection of materials submitted by the candidate to the Examination Committee for examination.

### 3. Admission to Candidature

3.1 To gain admission into a planned research program leading to the award of PhD a candidate normally shall hold a relevant first class or second class division A honours degree or equivalent, or an appropriate masters degree, or a professional doctorate, from a recognised institution (see Regulations 3.2 and 3.3)

3.2 Masters degrees by coursework and coursework professional doctorates must contain a significant research component, which would normally be no less than 33% of the total degree in order to qualify an applicant for admission to the PhD program.

Normally, applicants holding a masters by coursework or a coursework professional doctorate must have a GPA of at least 5.0 on a 7 point scale or equivalent standing as certified by the faculty in which the candidate wishes to enrol before they may be admitted to PhD candidature.

3.3 Coursework masters and professional doctorates which do not contain the research component defined in Regulation 3.2 are not considered adequate to allow admission to the PhD program unless (a) the applicant can demonstrate a grade point average of at least 5.0 on a 7 point scale in such a course; and (b) an additional level of research experience and potential which is deemed acceptable to the faculty and approved by the Research Degrees Committee. For example, by the publication of articles in refereed research journals.

3.4 Applicants must demonstrate sufficient command of English to complete the proposed course of study in English, that is, the Confirmation Seminar, the Final Seminar, and the written thesis. (Exceptions may apply, see Regulation 13.2).

3.5 Applicants will require approval from Research Degrees Committee to be admitted where they expect to be concurrently enrolled in another course of study particularly another research degree program.

### 4. Application Procedure and Commencement

4.1 Candidature shall have commenced on the date of admission or at some later date as determined by the Research Degrees Committee.

4.2 An application for admission shall be made on the prescribed form and shall involve a two-stage process.

4.3 Stage 1 of the application process must include Doctor of Philosophy Stage 1 Application Form as detailed in:

- the Postgraduate Research Form (PR) (if the applicant holds citizenship or permanent residency in Australia or New Zealand) or International Research Candidature Form FR (if the applicant is an international candidate);
- personal data;
- details of relevant professional and research experience;
- the proposed field of study;
- brief (200-300 words) outline of the research project to be undertaken;
- the centre in which the research is to be undertaken; and
- a certified copy of the candidate's academic record.

The application must be approved by the duly constituted faculty committee which will determine whether the applicant meets the criteria for admission (Section 3) or, if deficiencies exist, what they are and how they can be remedied.

4.4 The Stage 2 application must be completed and submitted to the Research Degrees Committee within three months of conditional admission (up to six months for part-time candidates and international candidates) and must include:

- a completed Doctor of Philosophy Stage 2 Application form;
- the proposed title of the thesis;
- the objectives of the program of research and investigation;
- an outline of the proposed research;
- the research methods and plan;
- the relation of the study to previous work in the same field by the candidate and others

- a preliminary literature review;
- a substantial bibliography;
- a timeline for completion of the proposed research;
- proposed mode of thesis presentation (i.e., Monograph, by Publication, by Creative Work)
- a statement of individual contribution if the proposed plan of study is part of a group project;
- the coursework to be completed;
- a Research Ethics Review Checklist;
- health and safety requirements
- the proposed supervisors and their credentials; and
- an Intellectual Property Agreement as required (ref. Regulation 6.7).

Stage 2 of the application must be approved by the faculty committee and then recommended to the Research Degrees Committee for final approval.

4.5 If the Stage 2 application is not submitted to the Research Degrees Committee within the time specified, the Research Degrees Committee may, on advice from the faculty committee and Principal Supervisor, terminate the candidature. In exceptional cases an extension of approximately three months may be granted in order to meet the conditions of the Stage 2 application.

4.6 To complete Stage 2 of the application process, the faculty committee shall confirm to the Research Degrees Committee:

- that the applicant's proposed topic of research is consistent with the aims and objectives of the school/centre; and
- that the school/centre is willing and able to provide appropriate accommodation, facilities and physical, human and financial resources for the proposed study for the duration of the candidature.

4.7 Following receipt of the faculty committee's advice on the Stage 2 application, the Research Degrees Committee shall determine that:

- the applicant be admitted to PhD candidature in which case it shall confirm the appointment of supervisors; or
- the applicant be required to submit further information which shall be considered at a subsequent meeting of Research Degrees Committee; or
- the applicant be admitted to masters by research candidature with the option of later applying to upgrade to PhD candidature (ref. Section 7), or
- the applicant not be admitted;

and may set conditions regarding the offer of admission. An applicant who is not admitted to candidature may re-apply for admission at a later date after addressing issues raised.

### 5. Enrolment

5.1 Once admitted to PhD candidature, a candidate may enrol either as a full-time or a part-time internal candidate or a full-time or part-time external candidate though restrictions apply to some Scholarship holders.

5.2 To be enrolled as a full-time candidate, a candidate must be able to commit to the course 30 hours per week averaged over each year of candidature. Paid work, including preparation, teaching, marking and research assistant duties, may be undertaken but must not interfere with a candidate's study program. A candidate in receipt of a scholarship is subject to additional restrictions on the amount of paid work allowable as described in the relevant scholarship guidelines.

5.3 A candidate who is unable to devote to the course the proportion of time specified in Regulation 5.2 may enrol as a part-time candidate. A part-time candidate will be expected to progress at half the rate of a full-time candidate: an average of 15 hours per week.

5.4 It is the candidate's responsibility to remain enrolled from the date of commencement until the thesis is submitted for external examination to the Research Students Centre (ref. Section 9).

5.5 The Research Degrees Committee may terminate a candidate's enrolment, having taken account of all relevant documented circumstances and having given the candidate opportunity to show cause why enrolment should not be cancelled if:

- it is of the opinion that the candidate either has effectively discontinued their studies or has no reasonable expectation of completing the course of study within the maximum time allowed (ref. Section 9); or
- the quality and progress of research gives no reasonable expectation of successful completion of the degree based on written/formal communications between the candidate and relevant staff members including the principal supervisor, Head of School and/or Centre Director as recorded in progress reports; or
- the candidate's grade point average in coursework undertaken is below 5.00 on a scale of seven or other measure agreed to between candidate and supervisors or principal supervisor.

5.6 A candidate whose enrolment has lapsed or has been cancelled and who wishes subsequently to re-enter the course of study to pursue an investigation, which is substantially the same as their previous investigation, must apply in writing to the faculty. If the faculty supports the readmission of the candidate, the application will be forwarded to the Research Students Centre for consideration by the Research Degrees Committee, which may set conditions for readmission to the course.

5.7 At any point through their candidature a candidate may submitted a request for transfer to a Professional Doctorate by Research or Masters by Research on the prescribed Transfer Form available from the Research Students Centre or its website.

5.8 Normally, PhD candidates must be affiliated with a centre, which is appropriate to the planned research program. Sole supervisors may be approved by Research Degrees Committee.

5.9 It is the faculty's responsibility to ensure that candidates are affiliated with the appropriate centre. Once the candidate is enrolled, he/she cannot transfer to another centre without faculty endorsement, which must incorporate advice from the relevant Centre Directors, and Research Degrees Committee approval. Reasons for transfer include:

- the centre ceases to exist;
- the centre cannot continue to provide the necessary supervision and/or support;
- the Principal Supervisor transfers to another centre, faculty or institution; and/or
- the candidate asks to be transferred with supportable justification.

Any request for transfer must be made on the Transfer form.

## 6. Planned Research Program

6.1 A candidate for the degree of PhD is required to complete successfully a planned research program that will result in the candidate making a significant individual contribution to the body of knowledge. This contribution may be in the form of new knowledge or of significant and original adaptation, application and interpretation of existing knowledge.

6.2 The planned research program will normally include:

- a program of assessed coursework including the Advanced Information Retrieval Skills unit;
- participation in university scholarly activities such as research seminars, teaching or publication;
- regular interaction with supervisors;
- a program of supervised research and investigation; and
- evidence that the program will enable the candidate to acquire competence in relevant methods of research and scholarship

related to the subject of the proposed investigation and to demonstrate sustained independent research effort.

6.3 Coursework in the PhD program demands a capacity for critical analysis and a specialisation of research interests not normally appropriate for an undergraduate program. Such coursework may be conducted in a number of ways:

- as advanced lecture courses;
- as seminars in which faculty and candidates present critical studies of selected problems within the subject field;
- as independent study or reading courses under faculty supervision;
- as research projects conducted under faculty supervision.

In all cases, coursework will be based upon a written plan briefly setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course. This coursework will be planned by the candidate and the Principal Supervisor to contribute to, and or, provide structure to the overall program of research.

6.4 Assessed coursework as described in Regulation 6.3 will comprise not more than 33% of candidature and will normally be completed within the first half of the candidature.

6.5 A candidate is normally expected to pursue the approved program of research and investigation throughout the period of candidature. Where circumstances make significant modification of the program desirable, approval for the proposed change must be sought in writing from the Research Degrees Committee through the faculty committee. Permission to continue the candidature may be given by the Research Degrees Committee in such circumstances provided that the planned research program remains in the same field.

6.6 Where an approved program of research and investigation forms part of the work of a research team or a larger research project, the application must indicate clearly the individual contribution expected to be made by the candidate, their individual research activities and responsibilities and the extent to which the work is to be carried out in collaboration with others.

6.7 Where an approved program of research and investigation is carried out jointly in QUT and in an industrial, commercial, professional or research establishment, an outline of the interrelationship of the work to be undertaken at each of the sites in relation to the whole project must be provided as part of the Stage 2 application. An intellectual property agreement must also be completed on the prescribed form.

6.8 There is provision for PhD candidates, in consultation with their Faculty, to apply to undertake a Joint PhD with another University. Before such an application is given final approval by the Research Degrees Committee, a Joint PhD Agreement must be drawn up between the two participating institutions giving particular details of the arrangements pertaining to candidature including but not limited to: terms of candidature, examination, annual reporting requirements including definitions of satisfactory progress, research proposal submission, intellectual property, animal and human ethics approvals.

6.8.1 Unless otherwise set out below or in a specific Joint PhD Agreement

- (a) the relevant provisions of University policies governing research higher degrees will apply to a PhD candidate with a Joint Agreement;
- (b) the regulations for the degree of Doctor of Philosophy and regulations and conditions governing scholarships and awards will apply to a candidate with a Joint PhD Agreement;
- (c) a candidate with a Joint Agreement enrolled in a PhD programme will be required to work within the appropriate QUT Faculty for at least 30% of the total maximum time limit for the PhD programme as set out in the Joint PhD Agreement.

6.8.2 Unless otherwise approved by the Research Degrees Committee a person for whom a Joint PhD Agreement is being negotiated may not commence work towards the proposed programme until the agreement has been approved by the Research Degrees Committee.

6.8.3 With the permission of the Research Degrees Committee, a candidate enrolled in a PhD course or a masters by research course at QUT may transfer into a PhD programme with a Joint PhD Agreement with full credit for work completed during the PhD or masters by research.

6.8.4 Normally a candidate will not be permitted to enter into a Joint PhD Agreement if they have been enrolled in their current course for more than half of the maximum period of candidature.

6.8.5 A candidate enrolled in a Joint PhD may transfer into a PhD or a masters by research course at QUT with full credit for work completed during the Joint PhD.

6.8.6 When submitting a thesis for examination for a Joint PhD a student will provide to each institution an abstract in the language in which a thesis is normally written at that institution.

6.8.7 There will be one examination process which will be set out in the Joint PhD Agreement and both institutions will be bound by the outcome.

6.8.8 Each candidate involved in a Joint PhD Agreement will be provided with a copy of the Joint PhD Agreement.

## 7. Transfer of Candidature from other Research Degrees

### 7.1 Internal Applicants From Within QUT

7.1.1 Normally a person who has completed 12 months full-time equivalent of candidature in a QUT masters by research program or a QUT professional doctorate (research) may apply to the Research Degrees Committee for articulation to the PhD if the following conditions have been met:

- (a) meets the requirements outlined in Section 3;
- (b) has demonstrated the capacity to undertake research at the PhD level;
- (c) has a research project that is clearly capable of being extended and converted to PhD level; and
- (d) has completed the Confirmation of Candidature process including the Confirmation Seminar.

A request for articulation must be made on the prescribed form (the Confirmation of Candidature form) and returned to the Research Students Centre, through the faculty committee, for consideration by the Research Degrees Committee.

7.1.2 A candidate enrolled in a masters by research will only be approved for articulation to PhD candidature when the candidate is able to satisfy all the requirements outlined in Regulation 7.1.1. Where course work has been undertaken as part of the masters by research degree or professional doctorate (research), an articulation will normally be approved only if the candidate has attained a grade point average of at least five on a seven point scale or equivalent standing as certified by the faculty in which the candidate wishes to enrol. Normally a maximum of twelve months' credit from the masters by research program or professional doctorate (research) may be carried forward to the PhD program.

7.1.3 Applications to articulate into the PhD shall be made on the Confirmation of candidature form and submitted via the faculty committee, to the Research Degrees Committee for consideration. Such application shall consist of:

- required administrative details;
- reasons for articulation
- Evidence of the candidate's capacity to undertake research at the PhD level; and evidence of research project meeting PhD level requirements
- substantial details of progress to date;

- full course of study;
- a time-line for completion of the project;
- a certified copy of the candidate's academic record (if transferring from another recognised institution);
- a formal request for the amount of credit to be granted for previous candidature;
- a Research Ethics Checklist or a copy of QUT Ethics Committee Clearance;
- proposed supervisors and their credentials; and
- an Intellectual Property Agreement if required (ref. Regulation 6.7).

### 7.2 External Applicants From Another Institution

7.2.1 PhD, masters by research or professional doctorate (research) candidates transferring enrolment to a QUT PhD program from another institution will normally be required to undergo the full QUT Confirmation of Candidature process including presentation of a seminar if transferring after twelve months or more of full-time candidature or part-time equivalent at their former institution unless they have successfully completed an equivalent procedure at their previous institution. Candidates seeking transfer to QUT in under twelve months/full-time or twenty-four months/part time will normally be required to submit a Stage 2 application.

7.2.2 External Transfer application to the PhD shall be made on the prescribed form.

7.2.3 The faculty committee shall first review the candidate's progress and planned research program and append to the Stage 1 Application form, a statement which sets out:

- the nature, duration and quality of the work already done, its relevance to the proposed PhD thesis and the recommended amount of credit;
- an appraisal of the candidate's progress and suitability for transfer of candidature and confirmation of PhD candidature;
- an agreement that the proposed research is within the aims and objectives and physical and human resources of the centre and/or school; and
- an agreement that the centre and/or school is willing and able to provide supervision, accommodation, facilities and physical and human resources for the duration of the study.

7.2.4 In considering the Stage 1 application the Research Degrees Committee shall:

- approve the transfer of candidature, normally confirming PhD candidature, and determine the amount of credit to be allowed, the date of admission and minimum and maximum candidature dates; or
- request changes to the planned research program which must be addressed by the candidate and resubmitted to the Research Degrees Committee; or
- not approve the transfer.

## 8. Place and Conditions of Work

8.1 Internal candidates (part-time and full-time) are expected to carry out their research program in a suitable environment at a QUT Campus.

8.2 The Research Degrees Committee must be satisfied that appropriate arrangements as set out in these Regulations regarding coursework, participation in scholarly activities, supervision, facilities in training and research methods can be made for each candidate including part-time candidates. The Head of School must ensure that supervision, accommodation, equipment and access to library, computing and experimental facilities meet the needs of the approved planned research program for the duration of the candidature.

8.3 The Research Degrees Committee may permit a PhD candidate to conduct their research as an external candidate either elsewhere in Australia or overseas or to approve a change of enrolment from internal to external status or vice versa.

8.4 The candidate and the Principal Supervisor, at Stage 1 as part of the application process or prior to the requested change to external status, must provide written evidence on the prescribed form to the Research Degrees Committee that:

- the arrangement for the research at the external location (normally a recognised research establishment or place of professional employment) meets the normal requirements of the PhD program;
- the candidate has opportunity to participate in scholarly activities;
- academic standards in the conduct of the PhD research can be assured;
- a suitable program of contacts between the candidate and the Principal Supervisor can be maintained and the methods by which this will be achieved are explained;
- a suitable Associate Supervisor will be responsible for regular supervision and is available at the external establishment or an explanation given as to why this is unnecessary;
- a letter of support from the external establishment stating that the resources required for the study are available and accessible to the candidate and will continue to be available for the duration of the candidature.

In exceptional circumstances the candidate, Principal Supervisor and Centre Director, Head of School or nominee may present a case for exemption from the above requirements.

8.5 External candidates must normally spend a minimum of three months at QUT during the course of their candidature and must normally be present for the Confirmation of Candidature and for the Final Seminar presentation (ref. Regulation 16.9) of the thesis.

8.6 In exceptional circumstances, the candidate may be permitted to complete the Final Seminar by video-conference. At least three months notice must be given of this intention to allow the school, Centre and/or Faculty to make adequate arrangements.

## 9. Period of Time for Completion of Planned Research Program

9.1 The expected/Standard period of candidature is:

- full-time candidates: thirty-six months from the date of commencement
- part-time candidates: seventy-two months from the date of commencement.

9.2 The minimum period of candidature is:

- full-time candidates: twenty-four months from the date of commencement
- part-time candidates: forty-eight months from the date of commencement.

In special cases, the Research Degrees Committee may approve a shorter period.

9.3 The maximum period of candidature is:

- full-time candidates: forty-eight months from the date of commencement
- part-time candidates: ninety-six months from the date of commencement.

9.4 Where a candidate wishes to change from full-time to part-time candidature or vice versa, application must be made on the prescribed form and returned to the Research Students Centre, through the faculty committee, for consideration by the Research Degrees Committee.

9.5 A candidate must submit their thesis to the Research Students Centre, for external examination no later than the maximum candidature date.

9.6 A candidate who does not expect to submit their thesis by the maximum candidature date must apply for an extension on the prescribed form and returned to the Research Students Centre, through the faculty committee, for consideration by the Research Degrees Committee prior to the expiry of their maximum

candidature date. The application must include the reasons for the delay, the written endorsement of relevant school and Faculty nominees and a revised time-line for completion. Applications for extensions will not normally be considered by the Research Degrees Committee unless the reasons for the delays have been documented in previous annual reports (ref. Section 11).

9.7 The maximum period of extension for which a candidate may be given approval is 12 months past the original maximum candidature date for full-time candidates and 24 months for part-time candidates. In exceptional circumstances, which must be documented, the Research Degrees Committee may approve a further extension. Minor breakdown of computer equipment or absence of the Principal Supervisor are not usually considered exceptional.

9.8 A candidate who wishes to take leave of absence for a specified period from their PhD program must apply in advance on the prescribed form and return it to the Research Students Centre, through the faculty committee, for consideration by the Research Degrees Committee. The application must include the reasons for the leave of absence, the written endorsement of the Principal Supervisor and the start and end dates of the period of leave. If the Research Degrees Committee approves the period of leave of absence, the duration of the specified period will be added to the minimum and maximum submission dates of the candidature.

9.9 Normally, the maximum period of leave of absence for which a candidate may be given approval is 12 months for a full-time candidate and 24 months for a part-time candidate during the term of their candidature. A candidate who wishes to take leave of absence for a longer period must withdraw from candidature and apply for re-entry at a later date, on the prescribed form.

9.10 Normally, leave of absence will not be granted prior to successful submission of the Stage 2 application.

9.11 A candidate who remains not currently enrolled for a period greater than twelve months will be deemed to have ceased their program of study and their candidature will be terminated. If a candidate is unable to complete the approved course of study the candidate may apply for transfer to an appropriate masters or professional doctorate by research.

9.12 Candidates are entitled to receive up to twelve months parental (maternity/paternity/ adoption) leave. The Research Degrees Committee must be notified on the prescribed form and supplied with a medical certificate (and in the case of paternity leave a marriage certificate or statutory declaration showing the candidate's relationship to the mother), and the written endorsement of relevant Faculty nominees. Periods of parental leave shall not be included as part of the 12 or 24 month leave of absence maximum.

## 10. Supervision

10.1 Supervision of PhD candidates shall be conducted according to the QUT Code of Good Practice (**D/2.7**) for Postgraduate Research Studies and Supervision (see also **QUT Code of Conduct for Research**).

10.2 A Principal Supervisor and at least one Associate Supervisor from QUT shall be appointed.

10.3 The Principal Supervisor has responsibility for supervising the candidate on a frequent basis and must be a current member of QUT staff or an Emeritus Professor of QUT still active in research. The Principal Supervisor shall have undertaken successful supervision of research degree candidates, shall normally have a PhD and shall have an established research record in the area of the proposed project.

10.4 One Associate Supervisor must be a member of QUT staff for all internal and external candidates. Where appropriate, more than one Associate Supervisor may be appointed and additional Associate Supervisors may be from either QUT or another appropriate industrial, professional, commercial or research

establishment. Associate Supervisors should possess appropriate expertise in the research field and normally have undertaken successful supervision of research degree candidates and must indicate their agreement to supervise on the prescribed form. An Associate Supervisor may be appointed from an establishment formally collaborating on a research project. Employers of the External Associate Supervisors must approve a completed Memorandum of Understanding to confirm the appointment of the supervisor and commitment of resources for the candidate.

10.5 For a candidate studying externally, an Associate Supervisor from the external institution linked to the project will normally be appointed. Employers of the External Associate Supervisors must approve a completed Memorandum of Understanding to confirm the appointment of the supervisor and commitment of resources for the candidate.

10.6 A person who is currently a candidate for a PhD (at QUT or elsewhere) may not act as a Principal Supervisor for a PhD candidate at QUT, and should not normally act as an Associate Supervisor unless approved by Research Degrees Committee.

10.7 Where the Principal Supervisor will be absent from QUT for a period of three consecutive months or longer during the period of candidature, the QUT Associate Supervisor will become acting Principal Supervisor for this period.

10.8 If the Principal Supervisor leaves the staff of QUT, the QUT Associate Supervisor will normally fill the role of acting Principal Supervisor immediately and until a new Principal Supervisor is appointed by the faculty, with the agreement of the candidate. A formal appointment of a new Principal Supervisor must be made within three months of the original Principal Supervisor's departure.

## 11. Reporting Procedures

11.1 The Principal Supervisor and candidate are required to report annually on the prescribed form to the Research Degrees Committee on the candidate's progress and research plans. Reports shall be signed by both the candidate and by the Principal Supervisor and submitted through the faculty committee, Head of School /Director of the Centre or nominee to the Research or Students Centre for consideration by the Research Degrees Committee.

11.2 Faculties should develop additional internal policies and procedures for review of candidates' progress between annual reports that ensure unsatisfactory progress is dealt with expeditiously.

11.3 Where the candidate's progress is deemed satisfactory, the Research Degrees Committee shall approve continuation of candidature.

11.4 Where progress is deemed unsatisfactory, in the Confirmation of Candidature, Annual Report or other interim faculty report, the Research Degrees Committee, on advice from the Faculty Research Committee, will normally place the candidate under review for a period of up to three months from the date that the candidate is advised in writing of the decision. The Research Degrees Committee will inform the candidate of the required remedial action to be followed taking account of the advice provided by the Principal Supervisor and the faculty. At any stage through this review process the candidate may submit a Transfer Form to change their course from the PhD to a Masters by Research or Professional Doctorate. The Research Degrees Committee shall consider the transfer application and if approved, it will lead to the end of the PhD candidature and the discontinuation of the Review Period. A Faculty, School or Centre may require a Review Period in the new course of study as a condition of transfer.

11.5 For continuing PhD candidature, after the Review Period the Faculty Committee must forward to the Research Degrees Committee a report on the Candidate's progress which will include written documentation of the steps that have been taken

to resolve the specified deficiencies in the candidate's program and an assessment of progress during the Review Period. The Research Degrees Committee will then approve continuation of candidature if the progress is deemed satisfactory.

11.6 If progress is still unsatisfactory after the Review Period, the Research Degrees Committee, on advice from the Faculty Committee, shall ask the candidate to show cause why the enrolment of the candidate should not be terminated (ref. Regulation 12.8).

11.7 A candidate who has been placed under review after an unsatisfactory annual report or interim report established by the faculty may not take leave of absence until the continuation of the candidature has been approved by the Research Degrees Committee.

11.8 When a candidate's progress has been reported to the Research Degrees Committee as unsatisfactory in any two consecutive reports during the candidature, the Research Degrees Committee shall ask the candidate to show cause why the enrolment of the candidate should not be terminated.

11.9 If a candidate fails to submit an annual report through their Principal Supervisor to Research Degrees Committee by the due date without applying, in writing, for an extension on the prescribed form two weeks prior to the due date, the Research Degrees Committee may ask the candidate to show cause why the enrolment of the candidate should not be terminated.

11.10 Applications for extensions of candidature or scholarships or leave of absence due to delays or problems with the planned research program will not normally be considered by the Research Degrees Committee unless the delays or problems have been documented in previous reports.

11.11 If the candidate does not show cause (refer Regulations 11.6, 11.8) why the enrolment should not be terminated, the Research Degrees Committee may terminate the candidate's enrolment or with the agreement of the faculty offer admission to candidature for the degree of masters by research.

## 12. Confirmation of Candidature

12.1 Within twelve months of admission for full-time candidates and twenty-four months for part-time candidates and fifteen months for International Candidates, the candidate shall present (in consultation with their supervisors) a plan of the research program for the remainder of the candidature and a report on the work done to this point. This confirmation report shall incorporate a substantial literature review and shall provide evidence of the research capacity of the candidate including the rate of progress to this point. The plan shall include:

- the area of study in which the candidate's course is located;
- any remaining coursework to be completed including an assessment plan;
- the nature of participation in scholarly activities of the centre, school, or faculty in which the study is being undertaken;
- the objectives of the program of research and investigation and its relationship to published research in the same field;
- the research methods to be followed;
- the mode of thesis presentation e.g. by publication, monograph or creative works.
- the title of the thesis; and
- a time-line for completion of the research program.

12.2 The candidate shall present this confirmation report and planned research program at a Confirmation Seminar open to faculty members and the public. Normally, a Review Panel shall be appointed by the Faculty including the principal supervisor, Head of School or nominee and a senior member of faculty staff from outside the school or centre in which the candidate is located.

12.3 A candidate who is not able to complete Confirmation of Candidature within the timeframe listed in Regulation 12.1 must

apply for an extension at least one month in advance of that deadline through the faculty committee to the Research Degrees Committee. Normally, a maximum of three months extension may be granted.

12.4 The faculty committee shall review the candidate's progress and planned research program and shall submit their recommendations on the prescribed form to the Research Degrees Committee. This shall include:

- an appraisal of the research capacity of the candidate
- an appraisal of the candidate's progress and suitability for continuation in the PhD program;
- the documents prepared by the candidate pursuant to Regulation 12.1;
- a statement that the research program is of the standard required for a PhD program;
- statements of whether the studies continue to be within the aims and objectives and physical and human resources of the centre and/or the school; and
- a report on the candidate's seminar.

12.5 Candidates who are undertaking confirmation in order to articulate from a masters by research or a professional doctorate (research) at QUT must complete the confirmation process and should address the additional requirements in Regulation 7.1.

12.6 In considering the application for Confirmation of Candidature, the Research Degrees Committee:

- will, if the conditions are met, confirm the candidature and notify the candidate; or
- may require changes to the planned research program; or
- may, if the recommendation of the faculty committee is not to confirm the candidature immediately, place the candidate under review for up to three months. At the end of the Review Period, the faculty committee must advise the Research Degrees Committee whether the conditions of the review have been met.

12.7 Where a candidate is placed under review following the Confirmation process, the Principal Supervisor must advise the candidate within seven days of the seminar of the conditions to be met in the form of clear, written guidelines on the work to be completed and due dates for the submission of materials and whether a further Confirmation Seminar is required. The conditions must be endorsed by the candidate, supervisor(s), director of centre, the Head of School or nominee, chair of the appropriate faculty committee or dean as appropriate and be forwarded within fourteen days to the Research Students Centre for noting by the Director, Research and Research Training.

12.8 Where a candidate's progress remains unsatisfactory after the Review Period the Research Degrees Committee, on advice from the faculty committee, shall either grant a further extension of the Review Period of up to three months or, after giving the candidate the opportunity to show cause why one of the following courses of action should not be taken:

- terminate the candidature with an offer of admission to the degree of masters by research, or
- terminate the candidature with no such offer.

### 13. Thesis Guidelines

13.1 The thesis must be presented in accordance with the requirements of the QUT Council, including any accompanying declarations and in accordance with - **Requirements for Presenting Theses** and the main body of the text must not exceed 100,000 words.

13.2 Except with the specific permission of the Research Degrees Committee the thesis must be presented in the English language. Such permission must be sought at Stage 1 of the application for admission to the PhD program and will not be granted solely on the grounds that the candidate's ability to satisfy the External Examination Committee will be affected adversely by the requirement to present the thesis in English.

13.3 Where a candidate's research program forms part of the work of a research team or larger research project, the thesis must indicate clearly the candidate's individual contribution and the extent to which co-workers contributed to the candidate's program.

13.4 Subject to QUT's intellectual property policy the copyright of the thesis is vested in the candidate.

13.5 Where a candidate or the sponsoring establishment wishes the thesis to remain confidential for a period of time after the completion of the work, written application for approval stating the reasons must be made to the Research Degrees Committee when the thesis is submitted for external examination. The period normally shall not exceed two years from the date on which the Head of School or nominee recommends acceptance of the thesis to the Research Degrees Committee.

13.6 A candidate may not present in the thesis any work for which another degree or diploma has been awarded by QUT or any other academic institution, but such a candidate shall not be precluded from incorporating extracts from such work in the thesis provided that the sum of any such extracts does not constitute more than 10% of the thesis and provided also that the source of each such extract is stated explicitly.

13.7 Prior approval must be obtained from the Research Degrees Committee for any course of PhD study leading to the presentation of a thesis other than in writing. Full details of the alternative course of study should be provided formally at Stage 2 together with a proposal regarding the form the final thesis and its examination is expected to take.

13.8 A candidate may submit with the thesis other kinds of relevant material (such as films, audio tape recordings, video tape recordings, CD-ROMS, models, software programs, evidence of exhibitions, or other materials for the purposes of illustration) which shall be accompanied by evidence of the extent to which the candidate has been responsible for their preparation.

13.9 A PhD may be awarded on the basis of the submission of published papers as per Section 14, normally indicated in the Stage 2 submission.

13.10 A PhD may be awarded on the basis of the submission of a creative work as per the Regulations set out in Section 15, normally indicated in the Stage 2 submission.

13.11 A candidate's name will not be placed on the list for graduation until final bound and electronic copies of the thesis are received in the Research Students Centre.

13.12 A candidate who passes but is required to make revisions to the thesis after external examination must lodge the final bound and electronic copies of the thesis with the Research Students Centre, no later than 12 months after the date of receipt of examiners' reports or the candidate shall be deemed to have failed unless an extension has been approved by the Research Degrees Committee.

13.13 When a final copy of the thesis has been lodged with the Research Students Centre in electronic and final bound form, the names of the examiners will be released to the candidate on request, providing that the examiner has not indicated otherwise.

### 14. Presentation of PhD Theses by Published Papers

#### 14.1 Preamble

14.1.1 The Queensland University of Technology permits the presentation of theses for the degree of Doctor of Philosophy in the format of published and/or submitted papers, where such papers have been published, accepted or submitted during the period of candidature.

14.1.2 Papers submitted as a PhD thesis must be closely related in terms of subject matter and form a cohesive research narrative.

## 14.2 Format

14.2.1 The thesis may be comprised of published papers, manuscripts accepted for publication, manuscripts submitted for publication or under review.

14.2.2 The minimum number of papers and/or manuscripts is normally three. At least one paper must have been published, accepted, or be undergoing revision following refereeing.

14.2.3 Where the papers have multiple authorship, the candidate must be principal author on at least two of the three papers and have written permission of the co-authors.

14.2.4 Normally, the thesis shall include the following:

- title page;
- abstract and key words;
- list of publications and/or manuscripts;
- contents;
- statement of original authorship;
- acknowledgments;
- introduction;
- literature review; published papers and submitted manuscripts; and
- general discussion.

14.2.5 The abstract summarises the main findings presented in each published paper or submitted manuscript and should indicate how the included works, when considered together, demonstrate a significant contribution to knowledge in the discipline.

14.2.6 The introduction should contain succinct statements under the following headings:

- description of research problem investigated;
- overall objectives of the study;
- specific aims of the study; and
- account of research progress linking the research papers.

The account of research progress must link together the various papers submitted as part of the thesis. The intention of this Section is to provide continuity for the entire thesis so that the reader can move from one chapter to the next understanding the logic behind the progression of the research program.

14.2.7 The literature review will, of necessity, replicate literature cited in subsequent chapters but must contain a clear statement on the significance of the project aims, a critical review of relevant literature, identification of knowledge gaps, and the relationship of the literature to the experimental program.

14.2.8 Published papers/papers submitted in the following categories may be included but each must be presented as an individual chapter in the thesis:

- published papers;
- manuscripts accepted for publication;
- manuscripts submitted and under review by referees; and
- manuscripts under revision following referees' reports.

14.2.9 Only papers which have been published by or submitted to journals and approved by the faculty committee are allowable under these Regulations. Whilst Short Communications and Letters are acceptable, their number should be less than that of full length papers.

14.2.10 Manuscripts which have been rejected by a journal must not be included unless they have been substantially rewritten to address referees' comments as certified in the Final Seminar documentation.

14.2.11 Each chapter comprised of a published paper or submitted manuscript must begin with a clear statement of the contribution made by each author of any jointly authored paper. The description must be sufficiently detailed to describe accurately the contribution of each author.

14.2.12 The thesis must contain an overarching discussion of the main features linking the publications and include a statement of

the significance of the findings, problems encountered and the future directions of the work.

## 14.3 Presentation

14.3.1 The thesis must be presented in accordance with the requirements of the QUT Council, including any accompanying declarations and in accordance with the **Requirements for Presenting Theses**. This document requires that a final bound copy and an electronic copy of the thesis will normally be provided to the Research Students Centre when all corrections have been finalised and approved by the relevant Faculty nominees. Normally, nominees would be the principal supervisor and Head of School but may also at the Faculty's discretion include others.

## 15. Presentation of PhD Theses by Creative Works

### 15.1 Preamble

15.1.1 In the case of a thesis submitted in the area of artistic practice, presentation may be in one of two forms: a theoretical thesis or artwork and exegesis. The artwork may be in the form of exhibition, performance, literary work, film, CD Rom or other approved format. The artwork and exegesis will be examined as an integrated whole. The artwork should provide a coherent demonstration that the candidate has reached an appropriate standard in the research and has made a significant and original contribution to knowledge in the area. The exegesis should describe the research process and elaborate, elucidate and place in context the artistic practice undertaken. In the case of visual or performing arts, the examiners will attend the exhibition/performance, at which time they will be given a copy of the exegesis in temporary binding. A final copy of the exegesis will be provided to the examiners within three months of their viewing the artwork.

### 15.2 Examination of a Creative Work Other Than a Printed Thesis

15.2.1 Where other materials are to be examined, such as in the areas of visual, performing, literary or media arts, the candidate must seek approval from Research Degrees Committee for the form and presentation of the thesis at the time of the Stage 2 application for entry to the PhD program.

15.2.2 Artistic practice may be examined by a theoretical thesis or by artwork and exegesis. The artwork and the exegesis will not be examined separately but as an integrated whole constituting the original and substantial contribution to knowledge required from doctoral candidates.

15.2.3 A theoretical thesis is a written document which would conform in all respects to the remainder of this policy.

15.2.4 Studio-based inquiry may result in a thesis presented by artwork and exegesis. The artwork should be the research outcome, while the exegesis should describe the research process and elaborate, elucidate and place in context the artistic practice undertaken.

15.2.5 The exegesis would normally not exceed 50,000 words and would conform in all respects to the remainder of this policy. It should also contain a description of the form and presentation of the artistic practice which constitutes the remainder of the thesis.

### 15.3 Presentation

15.3.1 The thesis must be presented in accordance with the requirements of the QUT Council, including any accompanying declarations and in accordance with the **Requirements for Presenting Theses**. This document requires that a final bound copy and an electronic copy of the thesis will normally be provided to the Research Students Centre when all corrections have been finalised and approved by the relevant Faculty nominees. Normally, nominees would be Principal Supervisor and Head of School.



**16. Examinations**

16.1 Any fees payable in relation to the examination of a candidate shall be determined by the Council.

16.2 At least three months prior to the maximum candidature date (or anticipated completion date) the Principal Supervisor having obtained the agreement of the faculty committee, shall recommend to the Research Degrees Committee, on the prescribed form, the composition of a proposed Examination Committee and the title of the candidate's thesis.

16.3 The Examination Committee shall comprise two external examiners who will examine the thesis plus a reserve external examiner to be called upon only if the first two examiners are in disagreement. (ref. Section 18)

16.4 In exceptional circumstances, the Research Degrees Committee may act directly to facilitate the examination process of a thesis including the appointment of examiners.

16.5 Any person who has acted as the candidate's Principal or Associate Supervisor; or participated in the candidate's research group or in any capacity where a conflict of interest is seen to exist shall not be nominated by the faculty committee as an examiner (refer to **QUT Code of Conduct - Integrity**).

16.6 Examiners must have demonstrable and substantial publications and research experience in the area under investigation, preferably have a PhD and be widely recognised in the relevant field. At least one of the nominated examiners should be from an internationally recognised university or equivalent research institution. However all of the examiners may be from Australian institutions provided that they are widely recognised as experts with demonstrable and substantial publications and research experience in the relevant field of research. At least one examiner must also have had substantial experience of examining research degree candidates at the doctoral level. Agreement will be sought from examiners to examine the thesis within 8 weeks of receipt of the thesis.

16.7 If more than four months has elapsed between the nomination of examiners and the submission of the thesis, the faculty committee must notify the Research Degrees Committee that the nominated examiners are still willing and able to examine the thesis within 8 weeks of its receipt. If any previously nominated examiner is unable to examine the thesis, a replacement examiner must be nominated by the Principal Supervisor with the agreement of the faculty committee for approval by the Research Degrees Committee.

16.8 In order to determine whether the thesis is acceptable for examination by the Examination Committee, the candidate shall be required to present a Final Seminar based on the work described in the thesis to the faculty to which he/she is attached.

- This final seminar shall normally take place no more than six months prior to the anticipated submission date.
- The faculty shall constitute a panel of at least 3 members including the Principal Supervisor to attend the seminar and to report on the readiness of the thesis for external examination. Normally, the final seminar panel shall be appointed by the faculty including the principal supervisor, Head of School or nominee and a senior member of faculty staff from outside the school or centre in which the candidate is located. The panel shall normally be chaired by the Principal Supervisor, and shall question the candidate on the content of the thesis at the conclusion of the seminar. Each member of the panel must receive a copy of the draft thesis 14 days prior to the final seminar.
- The panel may require changes to the thesis or ask that further work be done prior to submission of the thesis. The thesis is accepted by the University for external examination only when the panel chair signifies its belief that the degree requirements have been met. The faculty panel chair shall use the prescribed form when advising Research Degrees Committee that the thesis is ready for external examination.

- The final seminar shall be open to the public and shall be widely advertised by the faculty so as to ensure attendance by researchers and research students within the faculty.
- In all other matters the form and timing of the final seminar is determined by the faculty.

16.9 The thesis must be accompanied by a certificate endorsed by the Final seminar Panel Chair (normally the Principal Supervisor), Head of School or nominee, and the faculty committee stating that all reasonable efforts have been made by the faculty to ensure that:

- the thesis makes an original and significant contribution to the field of research;
- the methodology applied in the candidate's research is effective and appropriate for the thesis topic and the PhD;
- the thesis reflects competence in the survey of literature and documentation of statements;
- the thesis is of the required standard for external examination;
- the thesis is well written having due consideration to relevant writing conventions and style guidelines.
- the thesis is within the prescribed word limit;
- the candidate has presented a Final Seminar;
- an external candidate has spent at least three months minimum at QUT during the course of their enrolment;
- original correspondence from editors has been sighted and that editorial advice has been followed in the manuscripts submitted for examination (if applicable); and
- acknowledgment is given regarding the inclusion of all published and other sources of information, together with any substantial financial assistance received for the project.

The examiners will be advised of the faculty's endorsement and the successful completion of this process.

16.10 In exceptional circumstances, following the Final Seminar, the Research Degrees Committee may allow a candidate to submit their thesis for external examination without the requirement for certification (ref. Regulation 16.9). The candidate must apply in writing to the Research Degrees Committee for such permission, outlining the reasons why the required certification is not included. The examiners will be advised that: " PhD Regulation (16.10) allows in exceptional circumstances for submission of the thesis without faculty endorsement. On submission of your examiner's report you may ask if the thesis was granted faculty endorsement. "

16.11 Three copies of the thesis, in the prescribed format must be submitted to the Research Students Centre, no later than the maximum candidature date (see Regulation 9.2).

16.12 The Research Students Centre, on the advice of the Research Degrees Committee, shall provide the examiners with a copy of the thesis and of the Council's Regulations for the Award of the Degree of Doctor of Philosophy, and any other relevant information.

16.13 Each examiner will be asked to provide a written report to the Research Students Centre on the candidate's thesis and to recommend one of the following courses of action:

*Recommendation 1* : The candidate should be awarded the degree without the requirement for revision, further examination or modification (minor corrections and typographical errors only); or

*Recommendation 2* : The candidate should be awarded the degree subject to minor nominated revisions being completed to the satisfaction of the Head of School and Principal Supervisor; or

*Recommendation 3* : The candidate should be awarded the degree following the completion of major nominated revisions to the satisfaction of the Head of School and Principal Supervisor; or

*Recommendation 4* : The candidate should be permitted to substantially revise and submit the thesis for re-examination within twelve months after a specified amount of further work

(which may alter the substantive conclusions of the thesis) has been completed under approved supervision and the thesis appropriately amended to reflect the additional research; or

*Recommendation 5* : The candidate should be awarded the degree at Master's level: without the requirement for further revision or further examination; subject to nominated revisions being completed to the satisfaction of the Head of School and Principal Supervisor; subject to revision and submission for re-examination after completion of further work; or

*Recommendation 6* : The thesis should be rejected, the degree should not be awarded and the candidate should not be permitted to submit the thesis for re-examination for the degree.

16.14 After both examiners' reports are received the Research Students Centre will forward them to the Head of School or nominee, the Principal Supervisor, and the candidate with an appropriate covering letter. (Until such time as the examination process is complete the identity of the examiners will be withheld from the candidate.)

### 17. Examiners in Agreement

17.1 Where both examiners recommend that the candidate should be awarded the degree (recommendation 1, 2 or 3) the Head of School, or nominee will consult with the Principal Supervisor, Centre Director and/or Postgraduate Studies Coordinator as required to discuss any corrections or revisions that the candidate may be required to make and where revisions are required.

17.2 When all corrections or revisions have been made to the satisfaction of the Head of School or nominee and the Principal Supervisor, the Head of School or nominee and the Principal Supervisor must certify to the Research Degrees Committee that they recommend acceptance of the thesis in fulfilment of the conditions for the award of the PhD degree.

17.3 Where both examiners recommend that the thesis be revised and resubmitted for examination (Examiners Report Recommendation 4), after consultation with the Principal Supervisor and the Centre Director, the Head of School or nominee will make written recommendation to the Research Degrees Committee within seven days of the receipt of the Examiners Reports listing any revisions required. Once these are approved by the Research Degrees Committee, the Research Degrees Committee will inform the candidate of the revisions and/or any action required

17.4 Where both examiners recommend that the candidate should be awarded the degree at master's level (Recommendation 5), the Head of School or nominee will consult with the Principal Supervisor to discuss any revisions that the candidate may be required to make and forward a recommendation to the Research Degrees Committee. Once approved, the Head of School will meet with the Centre Director and Principal Supervisor to discuss outcomes with the Principal Supervisor responsible for informing the candidate of the decision.

### 18. Examiners Not In Agreement

18.1 Where the recommendations of the external examiners are not in agreement as to whether the thesis should be accepted for the award of PhD or as to whether the thesis may be revised and resubmitted the thesis will be sent to the third nominated examiner except when the examiners' recommendations are similar, for example, recommendations 3 and 4, in which case the Research Degrees Committee chair shall determine the course of action.

18.2 Upon receipt of the third examiner's report, a majority decision shall be adopted taking into account the comments of all three examiners.

18.3 Where the majority decision is that the thesis be accepted for the award or the thesis be accepted for the award of a masters degree or the thesis be rejected and the candidate not be permitted to resubmit, the procedures in Section 17 shall apply.

18.4 Where the majority decision is that the candidate be required to submit for re-examination or the thesis fails, the procedures in Section 17 shall apply.

18.5 Where the recommendations of the three examiners clearly differ and no clear majority exists, the Head of School or nominee shall liaise with the Director, Research and Research Training, and the Principal Supervisor to determine the further course of action which may involve any of the outcomes listed in Regulation 16.13.

### 19. Re-examination

19.1 A candidate who is required to submit for re-examination may be re-examined only once except in the case of an upheld appeal.

19.2 Re-examination shall take place within twelve months from the date on which the candidate is advised in writing by the Head of School or nominee of such re-examination. The Research Degrees Committee may, on written application by the candidate and supported by the Principal Supervisor and Head of School or nominee with suitable justification, approve an extension to this period which, under normal circumstances, may be a maximum of a further twelve months.

19.3 A candidate who is required to submit their thesis for re-examination must re-enrol in the PhD program.

19.4 The thesis shall be re-examined by the same two examiners unless:

- any of the examiners is unable to re-examine the thesis in which case the Head of School or nominee with the agreement of the Principal Supervisor and the faculty shall nominate a replacement examiner(s) who must be approved by the Research Degrees Committee; or
- the Research Degrees Committee replaces one or more of the examiners on advice from the Research Degrees Committee chair and with suitable justification.

19.5 Examiners re-examining a thesis will be asked to provide a written report on the candidate's thesis and to recommend one of the following courses of action:

- (a) the candidate should be awarded the degree with or without minor nominated revisions; or
- (b) the candidate should be awarded the degree at masters level with or without minor nominated revisions; or
- (c) the thesis should be rejected and the degree should not be awarded.

19.6 Regulations applicable to PhD examination shall apply to the re-examination.

### 20. Appeals

20.1 A candidate whose thesis has been failed or whose thesis has been recommended for the award of the degree of master may lodge an appeal against the outcome of the examination process.

20.2 The grounds for appeal may be on matters of process only, ie procedural irregularities in the conduct of the examination or documented evidence of examiner bias as evidenced by comments in the examiners reports.

20.3 An appeal must be lodged within sixty (60) days of the date of written advice from the Research Students Centre on the outcome of the examination. This appeal must include the specific grounds on which the appeal is based.

20.4 Appeals as described in Section 20 must be submitted, in writing, to the Office of the Deputy-Vice-Chancellor (Research and Commercialisation). The Director, Research and Research Training, will determine whether a potential conflict of interest exists in relation to their consideration of the appeal.

20.5 In cases where a conflict of interest exists, the Director, Research and Research Training, will appoint a member of academic staff, with expertise in research candidate supervision, to consider the appeal.

20.6 The Director, Research and Research Training, or appointee will decide whether a case exists and may seek the advice of the faculty, school or centre as appropriate.

20.7 The appeal may be allowed or dismissed. If an appeal is allowed, the Director, Research and Research Training, or appointee cannot recommend that the degree be awarded but shall recommend that: the thesis be re-examined. This re-examination shall be carried out in accordance with Section 19 taking account of the issues raised in the successful appeal.

20.8 The Director, Research and Research Training, or appointee will make a determination on the appeal as soon as practicable and will advise appellants, in writing, of the result of the appeal.

## ■ Master of Advertising (Creative Advertising) (IX96)

**Award title:** Master of Advertising (Creative Advertising)

**CRICOS code:** 048322G

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 3 semesters

**Course duration (part-time):** 6 semesters

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Ms Sandra Contreras

**Discipline coordinator:** Dr Terry Flew

### Entry Requirements

An undergraduate degree with a minimum overall course grade point average of at least 5 (on a 7-point scale). Applicants with an undergraduate degree with a grade point average below 5, or applicants without an undergraduate degree but with extensive relevant employment experience may be considered for entry to the Graduate Certificate only. Applicants are required to nominate an area of study.

### Full-time Course Structure

#### Year 1, Semester 1

KCP360 Advertising Creative: Introduction  
AMN420 Advertising Management  
KCP362 Advertising Creative: Copywriting and Art Direction  
AMN421 Contemporary Issues in Advertising

#### Year 1, Semester 2

KCP361 Advertising Creative: Electronic and Print Media  
AMN400 Consumer Behaviour, or  
KVP100 Graphic Design  
Elective  
Elective

#### Year 2, Semester 1

KKN600 Advertising Creative: Major Project  
Elective  
Elective

### Part-time Course Structure

#### Year 1, Semester 1

KCP360 Advertising Creative: Introduction  
AMN420 Advertising Management

#### Year 1, Semester 2

KCP361 Advertising Creative: Electronic and Print Media  
AMN400 Consumer Behaviour, or  
Elective

#### Year 2, Semester 1

KCP362 Advertising Creative: Copywriting and Art Direction  
AMN421 Contemporary Issues in Advertising

#### Year 2, Semester 2

KVP100 Graphic Design  
Elective

#### Year 3, Semester 1

KKN600 Advertising Creative: Major Project

#### Year 3, Semester 2

Elective  
Elective

### Elective list

Students may either choose electives from the following list of suggested units or consult with the course coordinator for approval of other units.

KIN809 Interaction Design  
KIN817 Project Management  
KIN811 Visual Interactions  
OR  
KIN812 Interdisciplinarity for the Creative Industries  
KKB818 Introduction To Multimedia Technology  
KMN606 Digital Recording  
KMN608 Composing For Moving Pictures  
KMN613 Music And Sound For Digital Media  
KMB619 Music And Sound Technology  
KPB118 Photomedia: Traditions and Techniques  
KPB155 Media Production  
KPB370 Principles of Television  
KVB509 Photomedia and Artistic Practice  
KVB703 Video Art and Culture  
KWB111 Media Writing  
KWB314 Corporate Writing and Editing  
KWB315 Persuasive Writing  
KWB370 Electronic Writing

## ■ Master of Advertising (Strategic Advertising) (IF96)

**Award title:** Master of Advertising (Strategic Advertising)

**CRICOS code:** 048322G

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 1.5 years

**Course duration (part-time):** 3 years

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor James Everett

### Entry Requirements

An undergraduate degree or equivalent in any field with an overall minimum GPA of 5 (on a 7 point scale). Applicants with an undergraduate degree with a GPA below 5 but above 4 may be considered for entry.

### Course Design

All students must complete eight compulsory units (96 credit points), and four approved elective units (48 credit points).

### Full-time Course Structure

#### Year 1, Semester 1

AMN400 Consumer Behaviour, or  
KCP362 Advertising Creative: Copywriting and Art Direction  
AMN420 Advertising Management  
AMN422 Media Strategy  
KCP360 Advertising Creative: Introduction

#### Year 1, Semester 2

AMN403 Marketing and Survey Research, or  
BSN412 Qualitative Research and Analytical Techniques  
AMN421 Contemporary Issues in Advertising  
AMN423 Strategies for Creative Advertising  
Elective unit

#### Year 2, Semester 1

AMN401 Integrated Marketing Communication, or  
AMN442 Marketing Management  
AMN406 Project, or  
2 Elective units (24 credit points)  
Elective unit

### Part-time Course Structure

#### Year 1, Semester 1

KCP360 Advertising Creative: Introduction  
AMN420 Advertising Management

#### Year 1, Semester 2

AMN400 Consumer Behaviour, or  
KCP361 Advertising Creative: Electronic and Print Media  
AMN421 Contemporary Issues in Advertising

#### Year 2, Semester 1

AMN401 Integrated Marketing Communication, or  
AMN442 Marketing Management  
Elective unit

**Year 2, Semester 2**

AMN403 Marketing and Survey Research, or  
BSN412 Qualitative Research and Analytical Techniques  
AMN423 Strategies for Creative Advertising

**Year 3, Semester 1**

AMN422 Media Strategy  
Elective unit

**Year 3, Semester 2**

AMN406 Project, or  
2 Elective units (24 credit points)

**Strategic Advertising Electives**

Elective units may be selected from postgraduate units offered by the Faculty of Business. Postgraduate units from other Faculties of the University may be selected, but require approval from the course coordinator.

## ■ Master of Business Administration/Master of Information Technology (IF98/IF13)

**Award title:** Master of Business Administration/Master of Information Technology

**CRICOS code:** 037551G

**Location:** Gardens Point

**Course duration (full-time):** 5 semesters. The course must be completed within a maximum time period of seven years.

**Course duration (part-time):** 10 semesters. The course must be completed within a maximum time period of seven years.

**Total credit points:** 240

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher (Business); Dr Alison Anderson (Faculty of Information Technology)

**Course Discontinuation**

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

**Course Design**

This double degree combines the core course structure of the Master of Business Administration (MBA) (GS40) with the standard course structure of the Master of Information Technology for IT graduates (IT40) comprising 240 credit points in total.

Note that BGSB units are 6 credit points and 7 weeks in duration, some being held during the first half of semester, and others being held during the second half of semester. The Faculty of Information Technology units are 12 credit points and 13 weeks in duration, being held for the entire duration of semester.

Students may exit with a Master of Business Administration (MBA)/Graduate Diploma in Information Technology if 192 credit points have been completed and the requirements for that course have been satisfied.

**Course Structure****First Semester, First Half**

GSN401 Managing in the Global Business Environment  
GSN405 Strategic Management  
GSN407 Business Communication  
GSN408 Fundamentals of Marketing Management

**First Semester, Second Half**

GSN402 Strategic Use of Information Technology  
GSN403 Understanding Data  
GSN404 Financial Statements Analysis 1  
GSN409 Organisational Behaviour 1

**Second Semester, First Half**

GSN410 Entrepreneurship  
GSN411 Economics of Strategy 1  
GSN413 Financial Management 1  
GSN415 Understanding Leadership

**Second Semester, Second Half**

GSN406 Human Resource Management Issues  
GSN412 Business Law 1

GSN414 Business Conditions Analysis 1

GSN416 Business Plans 1

**Third Semester**

ITN200 Database Systems

ITN201 Enterprise Architecture

IT Elective unit: IT Management Unit (Semester long unit) - Selected from list A

IT Elective unit: IT Management Unit (Semester long unit) - Selected from list A

**Fourth Semester**

ITN600 Programming Principles

ITN601 Systems and Networks

IT Elective unit (semester long unit) - refer MInfoTech course structure

IT Elective unit (semester long unit) - refer MInfoTech course structure

**Fifth Semester**

IT Elective unit (semester long unit) - refer MInfoTech course structure

IT Elective unit (semester long unit) - refer MInfoTech course structure

IT Elective unit (semester long unit) - refer MInfoTech course structure

IT Elective unit (semester long unit) - refer MInfoTech course structure

\*International students may choose to undertake IBN440 Business in Australia, IBN435 Business In Australia 1 and IBN441 Business in Australia 2 in their first semester of study instead of GSN410 and GSN409, and defer these two core units to a later teaching period. International students gain credit for IBN435 as an IT Management elective unit.

**List A: IT Management Units**

Select two (2) from the following IT Management Elective Units

Intermediate Level

ITN228 Enterprise Systems

ITN241 Information Technology Management

ITN266 Principles Of Information Management  
Advanced Level 1

ITN220 Issues in IT Management

ITN233 Enterprise Systems Applications

ITN252 Process Engineering

ITN255 Knowledge Management

ITN272 Information Technology Project Management

## ■ Master of Business Administration/Master of Information Technology (IT Graduates) (IF99/IF15)

**Award title:** Master of Business Administration/Master of Information Technology

**CRICOS code:** 037551G

**Location:** Gardens Point

**Course duration (full-time):** Full Time students may complete the course in a minimum of 5 semesters. The course must be completed within a maximum time period of seven years.

**Course duration (part-time):** 10 semesters

**Total credit points:** 240

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Caroline Hatcher (Business); Dr Alison Anderson (Information Technology)

**Course Discontinuation**

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

**Course Design**

Students are required to complete 16 core units (96cps) for the Business component, and 12 units (144cps) for the Information Technology component.

Note that the Business units are 6 credit points in value and 7 weeks in duration, some being held during the first half of

semester, and others being held during the second half of semester. The Faculty of Information Technology units are 12 credit points and 13 weeks in duration, being held for the entire duration of semester.

### Course Structure

#### First Semester, First Half

GSN401	Managing in the Global Business Environment
GSN405	Strategic Management
GSN407	Business Communication
GSN408	Fundamentals of Marketing Management

#### First Semester, Second Half

GSN402	Strategic Use of Information Technology
GSN403	Understanding Data
GSN404	Financial Statements Analysis 1
GSN409	Organisational Behaviour 1

#### Second Semester, First Half

GSN410	Entrepreneurship
GSN411	Economics of Strategy 1
GSN413	Financial Management 1
GSN415	Understanding Leadership

#### Second Semester, Second Half

GSN406	Human Resource Management Issues
GSN412	Business Law 1
GSN414	Business Conditions Analysis 1
GSN416	Business Plans 1

#### Third Semester

IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure

#### Fourth Semester

IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure

#### Fifth Semester

IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure  
 IT Elective unit: IT Management Unit (semester long unit) - Refer MInfoTech course structure

\*International students are normally required to undertake IBN435 Business in Australia in their first semester of study instead of GSN410 and GSN409, and should defer these two core units to a later teaching period. This requirement would be waived for students undertaking the double degree program if sufficient evidence can be provided that they have undertaken similar studies in a prior degree, or have worked or studied previously in Australia. International students gain credit for IBN435 as an IT Management elective unit.

#### List A: IT Management Units

	Select four (4) IT Management Elective Units
	Intermediate Level
ITN228	Enterprise Systems
ITN241	Information Technology Management
ITN266	Principles Of Information Management
	Advanced Level 1
ITN220	Issues in IT Management
ITN233	Enterprise Systems Applications
ITN252	Process Engineering
ITN255	Knowledge Management
ITN272	Information Technology Project Management

## ■ Master of Creative Industries (Arts Management & Creative Enterprise) (IF04)

**Award title:** Master of Creative Industries (Arts Management & Creative Enterprise)

**CRICOS code:** 040290J

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 3 semesters full-time

**Course duration (part-time):** 6 semesters part-time

**Total credit points:** 144

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Terry Flew (Creative Industries); Ms Joanne Jacobs (Business)

### Entry Requirements

An undergraduate degree or equivalent in any field with an overall minimum GPA of 5 (on a 7 point scale).

### Arts and Cultural Management

#### Full-time Course Structure

**Note:** Some units may not run in their listed semester as a result of insufficient enrolments. If a course variation is required for this or any other reason, please contact the relevant Course Coordinator in order to vary enrolment.

#### Year 1, Semester 1

GSN226	Arts Policy and Strategy
GSN228	Marketing Arts and Culture
GSN401	Managing in the Global Business Environment
GSN408	Fundamentals of Marketing Management
KCP018	Creative Industries

#### Year 1, Semester 2

GSN488	Fundraising Development Principles* AND
GSN489	Fundraising Development Techniques*, or Arts & Cultural Management Elective Unit
GSN225	Business Development in Creative Industries
GSN227	Arts and Cultural Management
KCP336	New Media Technologies, or Creative Industries Elective unit

#### Year 2, Semester 1

KCP353	Creative Industries Research Seminar
	Choose 36 credit points from the following:
KCP354	Creative Industries In Asia
KCP355	Creative Industries Project, or
BSN409	Research Project
KKN320	Workplace Learning (12cp), or
KKN330	Workplace Learning (24cp)

\*these units replace GSN232 Fundraising Principles, but are subject to approval

#### Part-time Course Structure

Some units may not run in their listed semester as a result of insufficient enrolments. If a course variation is required for this or any other reason, please contact the relevant Course Coordinator in order to vary enrolment.

#### Year 1, Semester 1

GSN401	Managing in the Global Business Environment
GSN408	Fundamentals of Marketing Management
KCP018	Creative Industries

#### Year 1, Semester 2

GSN225	Business Development in Creative Industries
KCP336	New Media Technologies, or Creative Industries Elective Unit

#### Year 2, Semester 1

GSN226	Arts Policy and Strategy
GSN228	Marketing Arts and Culture

#### Year 2, Semester 2

GSN227	Arts and Cultural Management
GSN488	Fundraising Development Principles* AND
GSN489	Fundraising Development Techniques*, or Arts and Cultural Management Elective Unit

#### Year 3, Semester 1

KCP353	Creative Industries Research Seminar
	Choose 12 credit points from the following:
KCP354	Creative Industries In Asia
KKN320	Workplace Learning (12cp)

#### Year 3, Semester 2

Choose 24 credit points from the following:

KCP353 Creative Industries Research Seminar  
 KCP355 Creative Industries Project, or  
 BSN409 Research Project  
 KKN320 Workplace Learning (12cp), or  
 KKN330 Workplace Learning (24cp)  
 \*these units replace GSN232 Fundraising Principles, but are subject to approval

## Creative and Media Enterprises

### Full-time Course Structure

**Note:** Some units may not run in their listed semester as a result of insufficient enrolments. If a course variation is required for this or any other reason, please contact the relevant Course Coordinator in order to vary enrolment.

#### Year 1, Semester 1

GSN401 Managing in the Global Business Environment  
 GSN408 Fundamentals of Marketing Management  
 KCP018 Creative Industries  
 Choose 24 credit points from the following units:  
 GSN405 Strategic Management  
 GSN410 Entrepreneurship  
 KCP110 Global Media and Communications Policy  
 KCP349 Media Audiences

#### Year 1, Semester 2

GSN225 Business Development in Creative Industries  
 KCP336 New Media Technologies  
 Choose 24 credit points from the following units:  
 Creative Industries Postgraduate Elective  
 GSN227 Arts and Cultural Management  
 KCP348 Applied Media Communication

#### Year 2, Semester 1

KCP353 Creative Industries Research Seminar  
 Choose 36 credit points from the following:  
 KCP354 Creative Industries In Asia  
 KCP355 Creative Industries Project, or  
 BSN409 Research Project  
 KKN320 Workplace Learning (12cp), or  
 KKN330 Workplace Learning (24cp)

### Part-Time Course Structure

**Note:** Some units may not run in their listed semester as a result of insufficient enrolments. If a course variation is required for this or any other reason, please contact the relevant Course Coordinator in order to vary enrolment.

#### Year 1, Semester 1

GSN401 Managing in the Global Business Environment  
 GSN408 Fundamentals of Marketing Management  
 KCP018 Creative Industries

#### Year 1, Semester 2

GSN225 Business Development in Creative Industries  
 KCP336 New Media Technologies

#### Year 2, Semester 1

Choose 24 credit points from the following units:  
 GSN405 Strategic Management  
 GSN410 Entrepreneurship  
 KCP110 Global Media and Communications Policy  
 KCP349 Media Audiences

#### Year 2, Semester 2

Choose two units from the following units:  
 GSN227 Arts and Cultural Management  
 KCP348 Applied Media Communication  
 Creative Industries Postgraduate Elective

#### Year 3, Semester 1

KCP353 Creative Industries Research Seminar  
 Choose 12 credit points from the following units:  
 KCP354 Creative Industries In Asia  
 KKN320 Workplace Learning (12cp)

#### Year 3, Semester 2

Choose 24 credit points from the following units:  
 KCP355 Creative Industries Project  
 OR  
 BSN409 Research Project  
 KKN330 Workplace Learning (24cp)

### Elective List

#### Creative Industries

KCP110 Global Media and Communications Policy  
 KCP295 Virtual Cultures  
 KCP349 Media Audiences

KCP348 Applied Media Communication  
 KIN812 Interdisciplinarity for the Creative Industries  
 KJP105 Theories of Journalism  
 KMN648 Australian Music Culture  
 KVP100 Graphic Design  
 KWP111 Media Writing  
 KWP315 Persuasive Writing

#### Business

GSN404 Financial Statements Analysis 1  
 GSN405 Strategic Management  
 GSN409 Organisational Behaviour 1  
 GSN410 Entrepreneurship  
 GSN415 Understanding Leadership  
 GSN460 Creative Problem Solving  
 GSN470 E-Business  
 GSN407 Business Communication  
 GSN429 New Venture Marketing  
 GSN430 New Venture Resourcing  
 GSN484 Management for Philanthropic and Nonprofit Organisations  
 GSN485 Legal Issues for Philanthropic and Nonprofit Organisations  
 GSN224 Corporate Philanthropy  
 BSN502 Research Methodology  
 BSN503 Research Seminar  
 BSN412 Qualitative Research and Analytical Techniques

## ■ Master of Psychology (Educational and Developmental) (IX20)

**Award title:** Master of Psychology (Educational and Developmental)

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 semesters

**Course duration (part-time):** 8 semesters

**Total credit points:** 192

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Linda Gilmore

### Entry Requirements

Applicants must have completed an Australian Psychological Society approved four years of training, or equivalent, from QUT or another recognised institution and a minimum GPA of 5 or above. Additional requirements include two referee reports, an interview and English language proficiency of 7.5 for international students.

Undertaking the supervised psychological practice component of the course requires conditional registration as a psychologist with the Psychologists Board of Queensland.

### Full-time Course Structure

#### Year 1, Semester 1

PYN601 Counselling and Consultation in Educational and Developmental Psychology  
 SPN640 Developmental and Educational Assessment  
 SPN641 Interventions in Educational and Developmental Psychology  
 EDN631 Supervised Practicum 1

#### Year 1, Semester 2

PYN606 Applied Developmental Psychology  
 SPN642 Learning Difficulties: Assessment and Intervention  
 PYN610-1 Research Thesis  
 EDN632 Supervised Practicum 2

#### Year 2, Semester 1

SPN643 Developmental Processes and Disability  
 PYN602 Developmental Psychopathology  
 EDN633 Supervised Practicum 3  
 PYN610-2 Research Thesis

#### Year 2, Semester 2

PYN603 Professional Practice in Educational and Developmental Psychology  
 EDN634 Supervised Practicum 4  
 PYN610-3 Research Thesis  
 PYN610-4 Research Thesis

**Part-time Course Structure****Year 1, Semester 1**

PYN601 Counselling and Consultation in Educational and Developmental Psychology

SPN640 Developmental and Educational Assessment

**Year 1, Semester 2**

PYN606 Applied Developmental Psychology

SPN642 Learning Difficulties: Assessment and Intervention

**Year 2, Semester 1**

SPN641 Interventions in Educational and Developmental Psychology

EDN631 Supervised Practicum 1

**Year 2, Semester 2**

PYN610-1 Research Thesis

EDN632 Supervised Practicum 2

**Year 3, Semester 1**

SPN643 Developmental Processes and Disability

PYN610-2 Research Thesis

**Year 3, Semester 2**

PYN610-3 Research Thesis

PYN610-4 Research Thesis

**Year 4, Semester 1**

PYN602 Developmental Psychopathology

EDN633 Supervised Practicum 3

**Year 4, Semester 2**

PYN603 Professional Practice in Educational and Developmental Psychology

EDN634 Supervised Practicum 4

## ■ Graduate Diploma in Advertising (Strategic Advertising) (IF95)

**Award title:** Graduate Diploma in Advertising (Study Area A)

**CRICOS code:** 048328B

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 2 semesters full-time

**Course duration (part-time):** 4 semesters part-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Associate Professor James Everett (Business)

**Course Discontinuation**

Students should note that this course will be discontinued. However, students who are currently enrolled, or have been made an offer into this current course for 2005, are able to remain enrolled in it for the duration.

**Course Design**

Students must complete seven compulsory units (84 credit points), and one approved elective unit (12 credit points).

**Full-time Course Structure****Year 1, Semester 1**

AMN400 Consumer Behaviour, or

KCP362 Advertising Creative: Copywriting and Art Direction

AMN420 Advertising Management

AMN422 Media Strategy

KCP360 Advertising Creative: Introduction

**Year 1, Semester 2**

AMN403 Marketing and Survey Research, or

BSN412 Qualitative Research and Analytical Techniques

AMN421 Contemporary Issues in Advertising

AMN423 Strategies for Creative Advertising Elective Unit

**Part-time Course Structure****Year 1, Semester 1**

KCP360 Advertising Creative: Introduction

AMN420 Advertising Management

**Year 1, Semester 2**

AMN400 Consumer Behaviour, or

KCP361 Advertising Creative: Electronic and Print Media

AMN421 Contemporary Issues in Advertising

**Year 2, Semester 1**

AMN422 Media Strategy

Elective Unit

**Year 2, Semester 2**

AMN403 Marketing and Survey Research, or

BSN412 Qualitative Research and Analytical Techniques

AMN423 Strategies for Creative Advertising

**Strategic Advertising Electives**

Elective units may be selected from postgraduate units offered by the Faculty of Business. Postgraduate units from other Faculties of the University may be selected, but require approval from the course coordinator.

## ■ Graduate Diploma in Creative Industries (Arts and Cultural Management) (IF02)

**Award title:** Graduate Diploma in Creative Industries (Arts and Cultural Management)

**CRICOS code:** 040291G

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 1 Year Full-time

**Course duration (part-time):** 2 Years Part-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24 Credit Points Part Time

**Course coordinator:** Dr Terry Flew (Creative Industries); Ms Joanne Jacobs (Business)

**Entry Requirements**

An undergraduate degree in any field with an overall minimum GPA of 5 (on a 7 point scale).

**Full-time Course Structure****Year 1, Semester 1**

GSN226 Arts Policy and Strategy

GSN228 Marketing Arts and Culture

GSN401 Managing in the Global Business Environment

GSN408 Fundamentals of Marketing Management

KCP018 Creative Industries

**Year 1, Semester 2**

GSN488 Fundraising Development Principles\* AND

GSN489 Fundraising Development Techniques\*, or Arts and Cultural Management Elective

GSN225 Business Development in Creative Industries

GSN227 Arts and Cultural Management

KCP336 New Media Technologies, or Creative Industries Elective

\*these units replace GSN232 Fundraising Principles, but are subject to approval

**Part-time Course Structure****Year 1, Semester 1**

GSN401 Managing in the Global Business Environment

GSN408 Fundamentals of Marketing Management

KCP018 Creative Industries

**Year 1, Semester 2**

GSN225 Business Development in Creative Industries

KCP336 New Media Technologies, or Creative Industries Elective

**Year 2, Semester 1**

GSN226 Arts Policy and Strategy

GSN228 Marketing Arts and Culture

**Year 2, Semester 2**

GSN488 Fundraising Development Principles\* AND

GSN489 Fundraising Development Techniques\*, or Arts and Cultural Management Elective

GSN227 Arts and Cultural Management

\*these units replace GSN232 Fundraising Principles, but are subject to approval

**Elective List****Creative Industries**

KCP110 Global Media and Communications Policy

KCP295 Virtual Cultures

KCP349 Media Audiences

KCP348 Applied Media Communication

KIN812 Interdisciplinarity for the Creative Industries

KJP105 Theories of Journalism

KMN648 Australian Music Culture

KVP100	Graphic Design
KWP111	Media Writing
KWP315	Persuasive Writing
<b>Business</b>	
GSN404	Financial Statements Analysis 1
GSN405	Strategic Management
GSN409	Organisational Behaviour 1
GSN410	Entrepreneurship
GSN415	Understanding Leadership
GSN460	Creative Problem Solving
GSN470	E-Business
GSN407	Business Communication
GSN429	New Venture Marketing
GSN430	New Venture Resourcing
GSN484	Management for Philanthropic and Nonprofit Organisations
GSN485	Legal Issues for Philanthropic and Nonprofit Organisations
GSN224	Corporate Philanthropy

## ■ Graduate Diploma in Creative Industries (Creative & Media Enterprises) (IF03)

**Award title:** Graduate Diploma in Creative Industries (Creative & Media Enterprises)

**CRICOS code:** 040292G

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 1 year Full-time

**Course duration (part-time):** 2 Years Part-time

**Total credit points:** 96

**Standard credit points per semester (full-time):** 48 Credit Points Full Time

**Course coordinator:** Dr Terry Flew (Creative Industries); Ms Joanne Jacobs (Business)

### Entry Requirements

A bachelor degree with a minimum GPA of 5 or professional experience in the creative industries approved by the Course Coordinator.

International students must meet English language proficiency requirements.

### Full-time Course Structure

#### Year 1, Semester 1

GSN401	Managing in the Global Business Environment
GSN408	Fundamentals of Marketing Management
KCP018	Creative Industries
Plus choose 24 credit points from the following:	
GSN405	Strategic Management
GSN410	Entrepreneurship
KCP110	Global Media and Communications Policy
KCP349	Media Audiences

#### Year 1, Semester 2

GSN225	Business Development in Creative Industries
KCP336	New Media Technologies
Plus choose 24 credit points from the following:	
GSN227	Arts and Cultural Management
KCP348	Applied Media Communication
	Creative Industries Postgraduate Elective

### Part-time Course Structure

#### Year 1, Semester 1

GSN401	Managing in the Global Business Environment
GSN408	Fundamentals of Marketing Management
KCP018	Creative Industries

#### Year 1, Semester 2

GSN225	Business Development in Creative Industries
KCP336	New Media Technologies

#### Year 2, Semester 1

Choose 24 credit points from the following:	
GSN405	Strategic Management
GSN410	Entrepreneurship
KCP110	Global Media and Communications Policy
KCP349	Media Audiences

#### Year 2, Semester 2

Choose 24 credit points from the following:	
GSN227	Arts and Cultural Management
KCP348	Applied Media Communication
	Creative Industries Postgraduate Elective

### Elective List

#### Creative Industries

Please refer to the Elective List under Graduate Diploma in Creative Industries (Arts and Cultural Management) (IF02).

#### Business

Please refer to the Elective List under Graduate Diploma in Creative Industries (Arts and Cultural Management) (IF02).

## ■ Graduate Certificate in Advertising (IF94)

**Award title:** Graduate Certificate in Advertising

**CRICOS code:** 048325E

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 1 semester

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Terry Flew (Creative Industries); Associate Professor James Everett (Business)

### Entry Requirements

An undergraduate degree or equivalent in any field with an overall minimum GPA of 5 (on a 7 point scale).

### Full-time Course Structure

#### Year 1, Semester 1

KCP360	Advertising Creative: Introduction
AMN420	Advertising Management
AMN421	Contemporary Issues in Advertising
Plus choose one of the following units:	
AMN400	Consumer Behaviour, or
KCP362	Advertising Creative: Copywriting and Art Direction, or
KVP100	Graphic Design

### Part-time Course Structure

#### Year 1, Semester 1

KCP360	Advertising Creative: Introduction
AMN420	Advertising Management

#### Year 1, Semester 2

AMN421	Contemporary Issues in Advertising
Plus choose one of the following units:	
AMN400	Consumer Behaviour, or
KCP362	Advertising Creative: Copywriting and Art Direction, or
KVP100	Graphic Design

## ■ Graduate Certificate in Creative Industries (IF01)

**Award title:** Graduate Certificate in Creative Industries

**CRICOS code:** 040294E

**Location:** Gardens Point and Kelvin Grove

**Course duration (part-time):** 2 semesters

**Total credit points:** 48

**Course coordinator:** Dr Terry Flew (Creative Industries); Ms Joanne Jacobs (Business)

### Entry Requirements

An undergraduate degree or equivalent in any field with an overall minimum GPA of 5 (on a 7 point scale).

### Part-time Course Structure

#### Semester 1

KCP018	Creative Industries
GSN401	Managing in the Global Business Environment
GSN408	Fundamentals of Marketing Management

#### Semester 2

GSN225	Business Development in Creative Industries
KCP336	New Media Technologies, or
	Creative Industries Elective

### Elective List

#### Creative Industries

Please refer to the Elective List under Graduate Diploma in Creative Industries (Arts and Cultural Management) (IF02).

#### Business

Please refer to the Elective List under Graduate Diploma in Creative Industries (Arts and Cultural Management) (IF02).



## ■ Graduate Certificate in Risk Management (IF88)

**Award title:** Graduate Certificate in Risk Management

**Location:** Kelvin Grove

**Course duration (external):** 2 semesters

**Total credit points:** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Elizabeth Parker

### Part-time Course Structure

#### Year 1, Semester 1

PUN001 Contemporary Risk Management

PUN008 Risk Assessment

#### Year 1, Semester 2

EFN418 Introduction to Financial Risk Management

PUN010 Implementing Risk Management

## ■ Bachelor of Applied Science (Environmental Science)/Bachelor of Health Science (Environmental Health) (IF87)

**Award title:** Bachelor of Applied Science (Environmental Science)/Bachelor of Health Science (Environmental Health)

**CRICOS code:** 003505F

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 384 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Megan Hargreaves (Science); Melinda Service (Environmental Health)

### FOR CONTINUING STUDENTS ONLY

### Course Design

The course will combine studies in Environmental Science (Chemistry or Ecology strands) within the Bachelor of Applied Science (SC01) course and the Environmental Health strand (Environmental Protection minor) of the Bachelor of Health Science course. The four-year course is designed so that the first three years of study are primarily in the science areas, while the fourth year is essentially a professional, environmental health program. However, students may exit at the end of the third year having completed the Bachelor of Applied Science (SC01) course.

### Professional Recognition

Graduates will be eligible to join the Australian Institute of Environmental Health (AIEH), Environmental Institute of Australia and New Zealand, Public Health Association of Australia and the Australian Health Promotion Association. Depending on the environmental science strand undertaken graduates may also be eligible for membership of the Ecological Society of Australia or the Royal Australian Chemical Institute.

### Full-time Course Structure

#### Year 3, Semester 1

NRB500 Environmental Modelling

NRB501 Spatial Analysis of Environmental Systems

PUB308 Environmental Health Fundamentals

PUB314 Epidemiology And Statistics

#### Year 3, Semester 2

LSB415 Microbiology

NRB600 Sustainable Environmental Management

NRB633 Hydrogeology

PUB409 Communicable Disease: Prevention and Control

#### Year 4, Semester 1

PUB510 Legal Frameworks for Environmental Health Practice

PUB515 Environmental Toxicology

PUB517 Food Hygiene Studies

PUB474 Food Studies

OR

PUB511 Health Policy, Planning and Evaluation

#### Year 4, Semester 2

PUB316 Research Methods

PUB604 Policy and Management Principles for Environmental Health

PUB611 Risk Management

PUB630 Environmental Health Practice

## ■ Bachelor of Applied Science (in Human Movement Studies)/ Bachelor of Education (Secondary) (IX04)

**Award title:** Bachelor of Applied Science (in Human Movement Studies)/ Bachelor of Education (Secondary)

**CRICOS code:** 020323D

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Course coordinator:** Education Coordinator: Dr Peter Bond, Human Movement Studies Coordinator: Dr Tom Cuddihy

### Professional Recognition

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Graduates are eligible for associate membership of the Australian Association for Sports Science. Applicants for registration as teachers in Queensland are subject to national criminal history checks.

### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Full-time Course Structure

#### Year 1, Semester 1

LSB131 Anatomy

HMB313 Socio-Cultural Foundations of Physical Activity

HMB171 Fitness Health and Wellness

Second Teaching Area Unit

#### Year 1, Semester 2

LSB231 Physiology

HMB172 Nutrition and Physical Activity

HMB272 Biomechanics

HMB315 Performance Skills 2

Second Teaching Area Unit

#### Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning And Development

HMB231 Physical Education Curriculum Studies 1

HMB274 Functional Anatomy

HMB314 Performance Skills 1

Second Teaching Area Unit

#### Year 2, Semester 2

HMB273 Exercise Physiology 1

HMB275 Exercise and Sport Psychology

HMB276 Research in Human Movement

HMB316 Performance Skills 3

Second Teaching Area Unit

#### Year 3, Semester 1

HMB379 Disorders of Human Movement

HMB382 Principles Of Exercise Prescription

EDB002 Teaching and Learning Studies 2: Development and Learning

EDB031 Secondary Field Studies 1: Development and Learning in the Field Curriculum Studies 1Y

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education

EDB032 Secondary Field Studies 2: Practising Education in the Field

HMB331 Physical Education Curriculum Studies 2

Curriculum Studies 2Y

#### Year 4, Semester 1

EDB004 Teaching and Learning Studies 4: Inclusive Education

EDB033 Secondary Field Studies 3: Immersion in Inclusive Educational Practices

HMB431 Physical Education Curriculum Studies 3  
Curriculum Studies 3Y

#### **Year 4, Semester 2**

EDB005 Teaching and Learning Studies 5: Professional Work of Teachers  
EDB034 Secondary Field Studies 4: Professional Work of Teachers - Induction into the Field  
EDB035 Internship (Secondary)  
Education Elective

#### **Health Discipline Studies Y**

PUB127 Health Issues In Australia  
PUB203 Primary Health Care  
PUB329 Foundations of Health Studies and Health Behaviour  
PYB086 Interpersonal and Group Processes

#### **Maths Discipline Studies Y**

MAB101 Statistical Data Analysis 1  
MAB100 Mathematical Sciences 1A  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C

#### **English Discipline Studies Y**

CLB320 Studies In Language  
CLB321 Writing Workshop  
CLB323 Teaching Adolescent Literature  
KWB710 Ozlit

#### **Biology Discipline Studies Y**

LSB118 Life Science  
NRB270 Animal and Plant Structure and Function  
LSB238 Cell and Molecular Biology 1  
NRB100 Environmental Science  
PYB012 Psychology  
LSB258 Principles of Human Physiology

### **Second Teaching Area Curriculum Studies 1, 2 and 3 Curriculum Studies 1**

MDB009 Biology Curriculum Studies 1  
CLB018 English Curriculum Studies 1  
HMB292 Health Education Curriculum Studies 1  
MDB021 Mathematics Curriculum Studies 1

#### **Curriculum Studies 2**

MDB010 Biology Curriculum Studies 2  
CLB019 English Curriculum Studies 2  
HMB396 Health Education Curriculum Studies 2  
MDB022 Mathematics Curriculum Studies 2

#### **Curriculum Studies 3**

MDB011 Biology Curriculum Studies 3  
CLB020 English Curriculum Studies 3  
HMB496 Health Education Curriculum Studies 3  
MDB023 Mathematics Curriculum Studies 3

## **■ Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations) (IF62)**

**Award title:** Bachelor of Applied Science /Bachelor of Business (Study Area A)

**CRICOS code:** 020328K

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Dr Graham Costin (Human Movement Studies); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Ms Gayle Kerr (Advertising); Ms Amanda Gudmundsson (HRM); Dr Rumintha Wickramasekera (International Business); Dr Glenda Maconachie (Management); Ms Robina Xavier (Public Relations)

#### **Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Accountancy, Banking and Finance, Economics, or Marketing).

### **Professional Recognition**

Graduates may be eligible for membership of the Australian Association for Exercise and Sports Science, and, depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

- All majors: Chartered Secretaries Australia (CSA) - enrolment in the Graduate Diploma in Applied Corporate Governance.
- Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association.
- HRM - Australian Human Resources Institute, Australian Institute of Training and Development (AITD), Australian Institute of Management (AIM).
- International Business - Economic Society of Australia, Australian Institute of Export(Qld) Ltd.
- Management- Australian Institute of Management (AIM).
- Public Relations - Public Relations Institute of Australia.

### **Course Design**

Students are required to complete 432 credit points comprised of 216 credit points from the Bachelor of Applied Science (in Human Movement Studies) program and 216 credit points from the Bachelor of Business program.

### **Course Structure**

#### **Advertising**

##### **Year 1, Semester 1**

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing  
HMB171 Fitness Health and Wellness  
LSB131 Anatomy

##### **Year 1, Semester 2**

AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice  
HMB172 Nutrition and Physical Activity  
HMB272 Biomechanics  
LSB231 Physiology

##### **Year 2, Semester 1**

AMB222 Media Planning  
HMB271 Foundations Of Motor Control, Learning And Development  
HMB274 Functional Anatomy  
PYB012 Psychology

##### **Year 2, Semester 2**

AMB221 Advertising Copywriting  
BSB119 International and Electronic Business  
HMB273 Exercise Physiology 1  
HMB275 Exercise and Sport Psychology  
HMB276 Research in Human Movement

##### **Year 3, Semester 1**

BSB113 Economics  
BSB115 Management, People and Organisations  
HMB313 Socio-Cultural Foundations of Physical Activity  
HMB379 Disorders of Human Movement  
HMB382 Principles Of Exercise Prescription

##### **Year 3, Semester 2**

BSB110 Accounting  
HMB282 Resistance Training  
HMB470 Practicum 1  
Business Minor Unit

##### **Year 4, Semester 1**

AMB320 Advertising Management  
Human Movement Studies Elective / Minor Unit  
Human Movement Studies Elective / Minor Unit  
Business Minor Unit  
Business Minor Unit

##### **Year 4, Semester 2**

AMB321 Advertising Campaigns  
BSB111 Business Law and Ethics  
BSB114 Government, Business and Society  
Business Minor Unit

### **Human Resource Management**

##### **Year 1, Semester 1**

HMB171 Fitness Health and Wellness  
LSB131 Anatomy  
BSB115 Management, People and Organisations

BSB122 Quantitative Analysis and Finance

**Year 1, Semester 2**

HMB172 Nutrition and Physical Activity

HMB272 Biomechanics

LSB231 Physiology

BSB126 Marketing

MGB220 Management Research Methods

**Year 2, Semester 1**

HMB271 Foundations Of Motor Control, Learning And Development

HMB274 Functional Anatomy

PYB012 Psychology

BSB119 International and Electronic Business

**Year 2, Semester 2**

HMB275 Exercise and Sport Psychology

HMB276 Research in Human Movement

HMB273 Exercise Physiology 1

MGB207 Human Resource Issues and Strategy

MGB211 Organisational Behaviour

**Year 3, Semester 1**

HMB313 Socio-Cultural Foundations of Physical Activity

HMB379 Disorders of Human Movement

HMB382 Principles Of Exercise Prescription

BSB110 Accounting

BSB114 Government, Business and Society

**Year 3, Semester 2**

HMB282 Resistance Training

HMB470 Practicum 1

BSB113 Economics

MGB222 Managing Organisations

**Year 4, Semester 1**

Human Movement Studies Elective/ Minor Unit

Human Movement Studies Elective/ Minor Unit

MGB314 Organisational Consulting and Change

Business Minor Unit

Business Minor Unit

**Year 4, Semester 2**

BSB111 Business Law and Ethics

MGB309 Strategic Management

Business Minor Unit

Business Minor Unit

**International Business**

**Year 1, Semester 1**

HMB171 Fitness Health and Wellness

LSB131 Anatomy

BSB114 Government, Business and Society

BSB119 International and Electronic Business

**Year 1, Semester 2**

HMB172 Nutrition and Physical Activity

HMB272 Biomechanics

LSB231 Physiology

BSB110 Accounting

BSB126 Marketing

**Year 2, Semester 1**

HMB271 Foundations Of Motor Control, Learning And Development

HMB274 Functional Anatomy

PYB012 Psychology

BSB113 Economics

**Year 2, Semester 2**

HMB273 Exercise Physiology 1

HMB275 Exercise and Sport Psychology

HMB276 Research in Human Movement

IBB202 International Business Development and Finance

IBB213 International Marketing

**Year 3, Semester 1**

HMB313 Socio-Cultural Foundations of Physical Activity

HMB379 Disorders of Human Movement

HMB382 Principles Of Exercise Prescription

IBB210 Export Management

Area Study 1

**Year 3, Semester 2**

HMB470 Practicum 1

HMB282 Resistance Training

BSB122 Quantitative Analysis and Finance

Area Study 2

**Year 4, Semester 1**

Human Movement Studies Elective / Minor Unit

Human Movement Studies Elective / Minor Unit

BSB110 Accounting

Business Minor Unit

Business Minor Unit

**Year 4, Semester 2**

BSB111 Business Law and Ethics

IBB300 International Business Strategy

Business Minor Unit

Business Minor Unit

**Area Study Options:**

IBB217 Asian Business Development

IBB317 Contemporary Business in Asia, or

IBB208 European Business Development

IBB308 Contemporary Business in Europe

**Management**

**Year 1, Semester 1**

HMB171 Fitness Health and Wellness

LSB131 Anatomy

BSB115 Management, People and Organisations

BSB122 Quantitative Analysis and Finance

**Year 1, Semester 2**

HMB172 Nutrition and Physical Activity

HMB272 Biomechanics

LSB231 Physiology

BSB126 Marketing

MGB220 Management Research Methods

**Year 2, Semester 1**

HMB271 Foundations Of Motor Control, Learning And Development

HMB274 Functional Anatomy

PYB012 Psychology

BSB119 International and Electronic Business

**Year 2, Semester 2**

HMB273 Exercise Physiology 1

HMB275 Exercise and Sport Psychology

HMB276 Research in Human Movement

MGB211 Organisational Behaviour

MGB222 Managing Organisations

**Year 3, Semester 1**

HMB313 Socio-Cultural Foundations of Physical Activity

HMB379 Disorders of Human Movement

BSB110 Accounting

BSB114 Government, Business and Society

HMB382 Principles Of Exercise Prescription

**Year 3, Semester 2**

HMB470 Practicum 1

HMB282 Resistance Training

BSB113 Economics

Business Minor Unit

**Year 4, Semester 1**

Human Movement Studies Elective / Minor Unit

Human Movement Studies Elective / Minor Unit

MGB210 Production and Service Management

Business Minor Unit

Business Minor Unit

**Year 4, Semester 2**

BSB111 Business Law and Ethics

MGB309 Strategic Management

MGB334 Managing in a Changing Environment

Business Minor Unit

**Public Relations**

**Year 1, Semester 1**

BSB122 Quantitative Analysis and Finance

BSB126 Marketing

HMB171 Fitness Health and Wellness

LSB131 Anatomy

**Year 1, Semester 2**

AMB260 Public Relations Theory and Practice

BSB119 International and Electronic Business

HMB172 Nutrition and Physical Activity

HMB272 Biomechanics

LSB231 Physiology

**Year 2, Semester 1**

AMB261 Media Relations and Publicity

HMB271 Foundations Of Motor Control, Learning And Development

HMB274 Functional Anatomy

PYB012 Psychology

**Year 2, Semester 2**

AMB262 Public Relations Writing

BSB115 Management, People and Organisations

HMB273 Exercise Physiology 1  
HMB275 Exercise and Sport Psychology  
HMB276 Research in Human Movement

### Year 3, Semester 1

AMB201 Marketing and Audience Research  
BSB113 Economics  
HMB313 Socio-Cultural Foundations of Physical Activity  
HMB379 Disorders of Human Movement  
HMB382 Principles Of Exercise Prescription

### Year 3, Semester 2

BSB110 Accounting  
HMB282 Resistance Training  
HMB470 Practicum 1  
Business Minor Unit

### Year 4, Semester 1

AMB360 Corporate Communication Management  
Human Movement Studies Elective / Minor Unit  
Human Movement Studies Elective / Minor Unit  
Business Minor Unit  
Business Minor Unit

### Year 4, Semester 2

AMB361 Public Relations Campaigns  
BSB111 Business Law and Ethics  
BSB114 Government, Business and Society  
Business Minor Unit

## Business Minors

### Accounting (Students without an Accountancy Major)

AYB121 Financial Accounting  
AYB220 Company Accounting  
AYB221 Computerised Accounting Systems  
AYB225 Management Accounting

### Accounting (Students with an Accountancy Major)

AYB223 Law of Business Associations  
AYB325 Taxation Law  
AYB311 Financial Accounting Issues  
AYB321 Strategic Management Accounting

### Advertising (Students with an Advertising Major)

AMB230 Internet Promotion  
AMB231 Marketing Communications Regulations and Ethics  
AMB330 Advertising Strategy and Planning  
AMB331 Direct Marketing

### Advertising (Students without an Advertising Major)

AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice  
AMB221 Advertising Copywriting  
AMB222 Media Planning

### Banking (Students with a Banking & Finance Major)

AYB312 Financial Institutions Law  
EFB310 Financial Institutions - Control  
EFB311 Financial Institutions - Lending  
Contact School of Economics & Finance for final unit

### Banking & Finance (Students Without a Banking & Finance Major)

Students must complete four of the following:

EFB101 Data Analysis for Business  
EFB102 Economics 2  
EFB201 Financial Markets  
EFB210 Finance 1  
EFB307 Finance 2  
EFB312 International Finance

### Economics (Students without an Economics Major)

Students must complete four of the following:

EFB101 Data Analysis for Business  
EFB102 Economics 2  
EFB202 Business Cycles and Economic Growth  
EFB211 Firms, Markets and Resources  
EFB314 International Trade and Economic Competitiveness  
EFB323 Financial and Monetary Economics

### Electronic Commerce

Students must complete four of the following:

BSB212 Electronic Business Applications  
BSB213 Legal Issues in Electronic Business  
BSB314 E-Business Intelligence  
ITB825 Electronic Business Information Systems  
MGB334 Managing in a Changing Environment

### Financial Economics (Students with a Banking and Finance Major)

Students must complete four of the following:

EFB200 Applied Regression Analysis  
EFB202 Business Cycles and Economic Growth

EFB211 Firms, Markets and Resources  
EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio and Security Analysis  
EFB324 Macroeconomics and Global Financial Markets  
EFB325 Financial Microeconomics  
EFB326 Applied Portfolio Management

### Financial Economics (Students with an Economics Major)

Students must complete four of the following:

EFB200 Applied Regression Analysis  
EFB201 Financial Markets  
EFB210 Finance 1  
EFB324 Macroeconomics and Global Financial Markets  
EFB325 Financial Microeconomics  
EFB326 Applied Portfolio Management  
EFB328 Public Economics and Finance

### Funds Management (Students with a Banking and Finance Major)

EFB308 Finance 3  
EFB309 Financial Derivatives  
EFB318 Portfolio and Security Analysis  
plus one level 2 or 3 Finance unit approved by the Banking & Finance Major Coordinator

### Human Resource Management (Students without a Human Resource Management or Management Major)

MGB207 Human Resource Issues and Strategy  
MGB222 Managing Organisations  
Plus two units from the List of Human Resource Management units below.

### Human Resource Management (Students with a Human Resource Management Major)

Any four units from the List of Human Resource Management units below, other than those that are part of the HRM major.

### Human Resource Management (Students with a Management Major)

MGB207 Human Resource Issues and Strategy  
MGB221 Performance and Reward  
Plus two units from the List of Human Resource Management units below.

### List of Human Resource Management units:

MGB201 The Legal Context of Employment Relations  
MGB202 Equity and Diversity Management  
MGB209 Occupational Health and Safety Management  
MGB221 Performance and Reward  
MGB224 Australian Industrial Relations  
MGB304 Human Resource Information Management  
MGB307 International Human Resource Management  
MGB312 Negotiation Skills  
MGB314 Organisational Consulting and Change  
MGB315 Personal and Professional Development  
MGB320 Recruitment and Selection  
MGB331 Training and Development  
MGB325 Advanced Practice in Training and Development

### Integrated Marketing Communication (Students without an Advertising or Public Relations Major)

Students must complete four units as follows:

AMB202 Integrated Marketing Communication  
Plus three units from:  
AMB220 Advertising Theory and Practice  
AMB260 Public Relations Theory and Practice  
AMB331 Direct Marketing  
AMB350 Relationship and Sales Management, or  
AMB202 Integrated Marketing Communication  
Plus two units from:  
AMB220 Advertising Theory and Practice  
AMB260 Public Relations Theory and Practice  
AMB331 Direct Marketing  
AMB350 Relationship and Sales Management  
And, one unit from:  
AMB230 Internet Promotion  
AMB261 Media Relations and Publicity  
AMB354 Events Marketing

### Integrated Marketing Communication (Students with an Advertising Major)

Students must complete four units as follows:

AMB202 Integrated Marketing Communication  
AMB260 Public Relations Theory and Practice  
AMB331 Direct Marketing  
AMB350 Relationship and Sales Management, or  
AMB202 Integrated Marketing Communication

Plus two units from:  
 AMB260 Public Relations Theory and Practice  
 AMB331 Direct Marketing  
 AMB350 Relationship and Sales Management  
 And, one unit from:  
 AMB230 Internet Promotion  
 AMB261 Media Relations and Publicity  
 AMB354 Events Marketing

**Integrated Marketing Communication (Students with a Public Relations Major)**

Students must complete four units as follows:

AMB202 Integrated Marketing Communication  
 AMB220 Advertising Theory and Practice  
 AMB331 Direct Marketing  
 AMB350 Relationship and Sales Management, or  
 AMB202 Integrated Marketing Communication  
 Plus two units from:

AMB220 Advertising Theory and Practice  
 AMB331 Direct Marketing  
 AMB350 Relationship and Sales Management  
 And, one unit from:

AMB230 Internet Promotion  
 AMB354 Events Marketing

**International Business (Students without an International Business Major)**

IBB202 International Business Development and Finance  
 IBB213 International Marketing

Plus one of the following pairs of units:

IBB208 European Business Development  
 IBB308 Contemporary Business in Europe, or  
 IBB210 Export Management  
 IBB300 International Business Strategy, or  
 IBB217 Asian Business Development  
 IBB317 Contemporary Business in Asia

**Management (Students without a Human Resource Management or Management major)**

MGB211 Organisational Behaviour  
 MGB220 Management Research Methods  
 MGB222 Managing Organisations

**Note:** The units AMB201 Market and Audience Research and MGB220 Management Research methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the School for enrolment advice.

Plus one unit from the List of Management units below:

**Management (Students with a Management Major)**

Any four units from the List of Management units below, other than those that are part of the Management major.

**Management (Students with a Human Resource Management Major)**

MGB210 Production and Service Management  
 MGB334 Managing in a Changing Environment

Plus two units from the List of Management units below:

**List of Management units:**

ITB233 Enterprise Systems Applications  
 MGB202 Equity and Diversity Management  
 MGB203 Government-Management Interface  
 MGB210 Production and Service Management  
 MGB216 Managing Technology, Innovation and Knowledge  
 MGB218 Venture Skills  
 MGB223 Creating New Enterprises  
 MGB309 Strategic Management  
 MGB312 Negotiation Skills  
 MGB314 Organisational Consulting and Change  
 MGB315 Personal and Professional Development  
 MGB334 Managing in a Changing Environment  
 MGB335 Project Management

**Marketing (Students with a Marketing Major)**

Students must complete four of the following:

AMB202 Integrated Marketing Communication  
 AMB220 Advertising Theory and Practice  
 AMB250 Business to Business Marketing  
 AMB251 Innovation and Market Development  
 AMB260 Public Relations Theory and Practice  
 AMB310 Internship  
 AMB350 Relationship and Sales Management  
 AMB351 Tourism Marketing  
 AMB352 Marketing Decision Making  
 AMB353 Retail Marketing  
 AMB354 Events Marketing  
 IBB213 International Marketing

**Marketing (Students without a Marketing Major)**

AMB200 Consumer Behaviour  
 AMB240 Marketing Planning and Management  
 AMB241 E-Marketing Strategies  
 Plus one of the following units:

AMB340 Services Marketing  
 AMB341 Strategic Marketing

**Public Relations (Students with a Public Relations Major)**

AMB202 Integrated Marketing Communication  
 AMB370 Public Relations Cases  
 AMB371 Corporate Communication Strategies  
 Plus choose one unit from the School of Advertising, Marketing and Public Relations

**Public Relations (Students without a Public Relations Major)**

AMB260 Public Relations Theory and Practice  
 AMB261 Media Relations and Publicity  
 AMB262 Public Relations Writing  
 Plus one of the following units:  
 AMB360 Corporate Communication Management  
 AMB361 Public Relations Campaigns

**Human Movement Studies Units**

For Human Movement Studies units listed as "Human Movement Studies Major Unit" or "Human Movement Studies Minor Unit" or equivalent units may be chosen from the following list. All units are based at Kelvin Grove.

HMB277 Exercise and Sport Nutrition  
 HMB361 Functional Anatomy 2  
 HMB362 Biomechanics 2  
 HMB363 Independent Study  
 HMB364 Seminars in Human Movement  
 HMB371 Motor Control And Learning 2  
 HMB374 Psychology of Rehabilitation  
 HMB375 Adapted Physical Activity  
 HMB376 Motor Development in Children  
 HMB377 Children in Sport  
 HMB381 Exercise Physiology 2  
 HMB383 Workplace Health  
 HMB384 Injury Prevention and Rehabilitation  
 HMB470 Practicum 1  
 HMB480 Advanced Exercise Prescription

**Note:** individual units may not be available every semester.

**■ Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing) (IF62)**

**Award title:** Bachelor of Applied Science/Bachelor of Business (Study Area A)

**CRICOS code:** 020328K

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Dr Graham Costin (Human Movement Studies); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Dr Yunus Ali (Marketing); Dr Adam Clements (Banking & Finance) and Dr Radhika Lahiri (Economics)

**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management, or Public Relations).

**Professional Recognition**

The Bachelor of Applied Science in Human Movement Studies degree may allow graduates to be eligible for membership of the Australian Association for Exercise and Sports Science.

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership as follows:

- All majors: Chartered Secretaries Australia (CSA) - enrolment in the Graduate Diploma in Applied Corporate Governance.
- Accountancy: CPA Australia (associate membership & enrolment in the CPA Program), Institute of Chartered Accountants in Australia (ICAA)(enrolment in the CA Program).
- Banking and Finance: Australasian Institute of Banking and Finance (AIBF).
- Economics: Economic Society of Australia.
- Marketing: Australian Marketing Institute, Market Research Society of Australia, Australian Institute of Management, Australian Institute of Export (Qld) Ltd, American Marketing Association.

### Course Design

Students are required to complete 432 credit points comprised of 216 credit points from the Bachelor of Applied Science (in Human Movement Studies) program and 216 credit points from the Bachelor of Business program.

### Course Structure

#### Accountancy

##### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
HMB171	Fitness Health and Wellness
LSB131	Anatomy

##### Year 1, Semester 2

AYB121	Financial Accounting
BSB111	Business Law and Ethics
HMB172	Nutrition and Physical Activity
HMB272	Biomechanics
LSB231	Physiology

##### Year 2, Semester 1

BSB122	Quantitative Analysis and Finance
HMB271	Foundations Of Motor Control, Learning And Development
HMB274	Functional Anatomy
HMB313	Socio-Cultural Foundations of Physical Activity
PYB012	Psychology

##### Year 2, Semester 2

BSB115	Management, People and Organisations
BSB119	International and Electronic Business
HMB273	Exercise Physiology 1
HMB275	Exercise and Sport Psychology
HMB276	Research in Human Movement

##### Year 3, Semester 1

AYB220	Company Accounting
EFB101	Data Analysis for Business
HMB379	Disorders of Human Movement
HMB382	Principles Of Exercise Prescription

##### Year 3, Semester 2

AYB221	Computerised Accounting Systems
AYB225	Management Accounting
	Human Movement Studies major unit
	Human Movement Studies elective/minor unit

##### Year 4, Semester 1

BSB126	Marketing
	Business Minor Unit
	Business Minor Unit
	Human Movement Studies elective/minor unit
	Human Movement Studies elective/minor unit

##### Year 4, Semester 2

AYB301	Auditing
BSB114	Government, Business and Society
	Business minor unit
	Business minor unit

### Banking and Finance

##### Year 1, Semester 1

BSB113	Economics
BSB114	Government, Business and Society
HMB171	Fitness Health and Wellness
LSB131	Anatomy

##### Year 1, Semester 2

BSB110	Accounting
BSB122	Quantitative Analysis and Finance

HMB172 Nutrition and Physical Activity

HMB272 Biomechanics

LSB231 Physiology

##### Year 2, Semester 1

EFB210	Finance 1
HMB271	Foundations Of Motor Control, Learning And Development
HMB274	Functional Anatomy
PYB012	Psychology

##### Year 2, Semester 2

EFB102	Economics 2
EFB307	Finance 2
HMB273	Exercise Physiology 1
HMB275	Exercise and Sport Psychology
HMB276	Research in Human Movement

##### Year 3, Semester 1

EFB101	Data Analysis for Business
EFB201	Financial Markets
HMB313	Socio-Cultural Foundations of Physical Activity
HMB379	Disorders of Human Movement
HMB382	Principles Of Exercise Prescription

##### Year 3, Semester 2

BSB119	International and Electronic Business
	Business Minor Unit
HMB282	Resistance Training
HMB470	Practicum 1

##### Year 4, Semester 1

BSB115	Management, People and Organisations
	Business Minor Unit
	Business Minor Unit
	HMS Elective / Minor Unit
	HMS Elective / Minor Unit

##### Year 4, Semester 2

BSB111	Business Law and Ethics
BSB126	Marketing
EFB312	International Finance
	Business Minor Unit

### Economics

##### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
HMB171	Fitness Health and Wellness
LSB131	Anatomy

##### Year 1, Semester 2

BSB122	Quantitative Analysis and Finance
EFB102	Economics 2
HMB172	Nutrition and Physical Activity
HMB272	Biomechanics
LSB231	Physiology

##### Year 2, Semester 1

EFB202	Business Cycles and Economic Growth
HMB271	Foundations Of Motor Control, Learning And Development
HMB274	Functional Anatomy
PYB012	Psychology

##### Year 2, Semester 2

EFB101	Data Analysis for Business
	Business Minor Unit
HMB273	Exercise Physiology 1
HMB275	Exercise and Sport Psychology
HMB276	Research in Human Movement

##### Year 3, Semester 1

BSB119	International and Electronic Business
EFB211	Firms, Markets and Resources
HMB313	Socio-Cultural Foundations of Physical Activity
HMB379	Disorders of Human Movement
HMB382	Principles Of Exercise Prescription

##### Year 3, Semester 2

BSB114	Government, Business and Society
EFB323	Financial and Monetary Economics
HMB282	Resistance Training
HMB470	Practicum 1

##### Year 4, Semester 1

BSB115	Management, People and Organisations
	Business Minor Unit
	Business Minor Unit
	HMS Elective / Minor Unit
	HMS Elective / Minor Unit

##### Year 4, Semester 2

BSB111	Business Law and Ethics
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BSB126	Marketing
EFB314	International Trade and Economic Competitiveness Business Minor Unit

**Marketing****Year 1, Semester 1**

BSB122	Quantitative Analysis and Finance
BSB126	Marketing
HMB171	Fitness Health and Wellness
LSB131	Anatomy

**Year 1, Semester 2**

AMB200	Consumer Behaviour
AMB240	Marketing Planning and Management
HMB172	Nutrition and Physical Activity
HMB272	Biomechanics
LSB231	Physiology

**Year 2, Semester 1**

AMB201	Marketing and Audience Research
HMB271	Foundations Of Motor Control, Learning And Development
HMB274	Functional Anatomy
PYB012	Psychology

**Year 2, Semester 2**

AMB241	E-Marketing Strategies
BSB119	International and Electronic Business
HMB273	Exercise Physiology 1
HMB275	Exercise and Sport Psychology
HMB276	Research in Human Movement

**Year 3, Semester 1**

BSB113	Economics
BSB115	Management, People and Organisations
HMB379	Disorders of Human Movement
HMB382	Principles Of Exercise Prescription
HMB313	Socio-Cultural Foundations of Physical Activity

**Year 3, Semester 2**

BSB110	Accounting Business Minor Unit
HMB282	Resistance Training
HMB470	Practicum 1

**Year 4, Semester 1**

AMB340	Services Marketing Business Minor Unit Business Minor Unit Human Movement Studies elective/minor unit Human Movement Studies elective/minor unit
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**Year 4, Semester 2**

AMB341	Strategic Marketing
BSB111	Business Law and Ethics
BSB114	Government, Business and Society Business minor unit

**Human Movement Studies Major and Minor Units:**

HMB277	Exercise and Sport Nutrition
HMB361	Functional Anatomy 2
HMB362	Biomechanics 2
HMB363	Independent Study
HMB364	Seminars in Human Movement
HMB371	Motor Control And Learning 2
HMB374	Psychology of Rehabilitation
HMB375	Adapted Physical Activity
HMB376	Motor Development in Children
HMB377	Children in Sport
HMB381	Exercise Physiology 2
HMB383	Workplace Health
HMB384	Injury Prevention and Rehabilitation
HMB470	Practicum 1
HMB480	Advanced Exercise Prescription

**Course Structure - Business Minors**

Please refer to the Business Minors listed under the **Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)** (IF62).

## ■ Bachelor of Applied Science/Bachelor of Business (IF61)

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Business (Study Area A)

**CRICOS code:** 042263G

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Dr Megan Hargreaves (Science); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Dr Gayle Kerr (Advertising); Ms Sherrena Buckby (Electronic Business); Dr Amanda Gudmundsson (Human Resource Management); Dr Beverley Kitching (International Business); Dr Glenda Maconachie (Management); Dr Yunus Ali (Marketing); Ms Robina Xavier (Public Relations); Dr Adam Clements (Banking & Finance) and Dr Radhika Lahiri (Economics); Science Discipline Coordinator details are listed under Contact Details below

**Professional Recognition**

The Bachelor of Applied Science degree will allow graduates to satisfy the requirements for membership of the relevant professional body for their chosen science major. See the Bachelor of Applied Science (SC01) course for details.

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership of: CPA Australia; Institute of Chartered Accountants in Australia; Chartered Secretaries Australia; Advertising Federation of Australia; Australian Association of National Advertisers; Australian Direct Marketing Association; Queensland Commercial Radio Association; Australasian Institute of Banking and Finance; Economics Society of Australia; Australian Human Resources Institute; Australian Institute of Management; Australian Institute of Training and Development; Australian Institute of Export; Australian Marketing Institute; Marketing Research Society of Australia; American Marketing Association and Public Relations Institute of Australia.

**Course Design**

Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Applied Science program and 240 credit points from the Bachelor of Business program.

The Bachelor of Applied Science allows multi-disciplinary programs of study to help position students within the broad range of science disciplines and qualify them as competent professionals within their chosen fields. Students can major in Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Forensic Science, Geoscience, Microbiology or Physics. See the Bachelor of Applied Science (SC01) course for more details. So that students can complete the double degree in a shorter period of time, co-majors are to be taken from the business program.

Students can specialise in one or more of the following business majors: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing or Public Relations.

**Course Structure****Accountancy****Year 1, Semester 1**

BSB110	Accounting
BSB113	Economics

**Year 1, Semester 2**

AYB121	Financial Accounting
BSB111	Business Law and Ethics
BSB122	Quantitative Analysis and Finance

**Year 2, Semester 1**

AYB220	Company Accounting
BSB115	Management, People and Organisations

**Year 2, Semester 2**

BSB114	Government, Business and Society
BSB126	Marketing

**Year 3, Semester 1**

AYB225 Management Accounting  
BSB119 International and Electronic Business

**Year 3, Semester 2**

AYB221 Computerised Accounting Systems  
Business Double Major/Extended Major/Specialisation Unit  
Business Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 1**

AYB301 Auditing  
Business Double Major/Extended Major/Specialisation Unit  
Business Double Major/Extended Major/Specialisation Unit

**Year 4, Semester 2**

Business Double Major/Extended Major/Specialisation Unit  
Business Double Major/Extended Major/Specialisation Unit

**Advertising****Year 1, Semester 1**

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

**Year 1, Semester 2**

AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice  
BSB114 Government, Business and Society

**Year 2, Semester 1**

AMB222 Media Planning  
BSB115 Management, People and Organisations  
BSB119 International and Electronic Business

**Year 2, Semester 2**

AMB221 Advertising Copywriting  
Business Double Major/Extended Major/ Specialisation Unit

**Year 3, Semester 1**

BSB113 Economics  
Business Double Major/Extended Major/ Specialisation Unit

**Year 3, Semester 2**

BSB110 Accounting  
BSB111 Business Law and Ethics  
Business Double Major/Extended Major/ Specialisation Unit

**Year 4, Semester 1**

AMB320 Advertising Management  
Business Double Major/Extended Major/ Specialisation Unit  
Business Double Major/Extended Major/ Specialisation Unit

**Year 4, Semester 2**

AMB321 Advertising Campaigns  
Business Double Major/Extended Major/ Specialisation Unit

**Banking & Finance****Year 1, Semester 1**

BSB110 Accounting  
BSB113 Economics

**Year 1, Semester 2**

BSB122 Quantitative Analysis and Finance  
EFB102 Economics 2

**Year 2, Semester 1**

BSB119 International and Electronic Business  
BSB126 Marketing  
EFB210 Finance 1

**Year 2, Semester 2**

BSB114 Government, Business and Society  
EFB307 Finance 2

**Year 3, Semester 1**

BSB111 Business Law and Ethics  
Business Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 2**

BSB115 Management, People and Organisations  
EFB312 International Finance  
Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**

EFB201 Financial Markets  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**

Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

**Economics****Year 1, Semester 1**

BSB113 Economics  
BSB122 Quantitative Analysis and Finance

**Year 1, Semester 2**

BSB119 International and Electronic Business  
EFB102 Economics 2

**Year 2, Semester 1**

BSB110 Accounting  
BSB126 Marketing  
EFB202 Business Cycles and Economic Growth

**Year 2, Semester 2**

BSB114 Government, Business and Society  
EFB323 Financial and Monetary Economics

**Year 3, Semester 1**

EFB211 Firms, Markets and Resources  
Business Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 2**

BSB115 Management, People and Organisations  
EFB314 International Trade and Economic Competitiveness  
Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**

BSB111 Business Law and Ethics  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**

Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

**Electronic Business****Year 1, Semester 1**

BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance

**Year 1, Semester 2**

BSB110 Accounting  
BSB115 Management, People and Organisations  
ITB825 Electronic Business Information Systems

**Year 2, Semester 1**

BSB111 Business Law and Ethics  
BSB126 Marketing  
BSB212 Electronic Business Applications

**Year 2, Semester 2**

BSB113 Economics  
BSB114 Government, Business and Society

**Year 3, Semester 1**

MGB334 Managing in a Changing Environment  
Electronic Business Elective

**Year 3, Semester 2**

BSB213 Legal Issues in Electronic Business  
BSB314 E-Business Intelligence  
Business Double Major Unit

**Year 4, Semester 1**

Business Double Major Unit  
Business Double Major Unit  
Business Double Major Unit

**Year 4, Semester 2**

Business Double Major Unit  
Business Double Major Unit

**Electronic Business Elective List:**

AMB230 Internet Promotion  
AYB221 Computerised Accounting Systems  
IBB303 International Logistics  
ITB233 Enterprise Systems Applications  
ITB823 Web Sites For Electronic Commerce  
MGB216 Managing Technology, Innovation and Knowledge  
MGB304 Human Resource Information Management

**Human Resource Management****Year 1, Semester 1**

BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance

**Year 1, Semester 2**

BSB113 Economics



BSB114 Government, Business and Society  
MGB222 Managing Organisations

#### **Year 2, Semester 1**

BSB119 International and Electronic Business  
BSB126 Marketing  
MGB220 Management Research Methods

#### **Year 2, Semester 2**

BSB110 Accounting  
BSB111 Business Law and Ethics

#### **Year 3, Semester 1**

MGB207 Human Resource Issues and Strategy  
MGB211 Organisational Behaviour

#### **Year 3, Semester 2**

Business Double Major / Extended Major / Specialisation  
Business Double Major / Extended Major / Specialisation

#### **Year 4, Semester 1**

MGB314 Organisational Consulting and Change  
Business Double Major / Extended Major / Specialisation  
Business Double Major / Extended Major / Specialisation

#### **Year 4, Semester 2**

MGB309 Strategic Management  
Business Double Major / Extended Major / Specialisation  
Business Double Major / Extended Major / Specialisation

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking Marketing or Public relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

### **International Business**

#### **Year 1, Semester 1**

BSB113 Economics  
BSB119 International and Electronic Business

#### **Year 1, Semester 2**

BSB114 Government, Business and Society  
BSB126 Marketing  
IBB202 International Business Development and Finance

#### **Year 2, Semester 1**

BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance  
IBB213 International Marketing

#### **Year 2, Semester 2**

BSB110 Accounting  
BSB111 Business Law and Ethics

#### **Year 3, Semester 1**

IBB210 Export Management  
International Business Area Study 1

#### **Year 3, Semester 2**

International Business Area Study 2  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 4, Semester 1**

IBB300 International Business Strategy  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 4, Semester 2**

Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

#### **International Business Area Study Options:**

Students must select one of the following pairs of area study units:

IBB208 European Business Development  
IBB308 Contemporary Business in Europe, or  
IBB217 Asian Business Development  
IBB317 Contemporary Business in Asia

### **Management**

#### **Year 1, Semester 1**

BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance

#### **Year 1, Semester 2**

BSB113 Economics

BSB114 Government, Business and Society  
MGB222 Managing Organisations

#### **Year 2, Semester 1**

BSB119 International and Electronic Business  
BSB126 Marketing  
MGB220 Management Research Methods

#### **Year 2, Semester 2**

BSB110 Accounting  
BSB111 Business Law and Ethics

#### **Year 3, Semester 1**

MGB210 Production and Service Management  
MGB211 Organisational Behaviour

#### **Year 3, Semester 2**

MGB334 Managing in a Changing Environment  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 4, Semester 1**

Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 4, Semester 2**

MGB309 Strategic Management  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

### **Marketing**

#### **Year 1, Semester 1**

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### **Year 1, Semester 2**

AMB200 Consumer Behaviour  
AMB240 Marketing Planning and Management  
BSB114 Government, Business and Society

#### **Year 2, Semester 1**

AMB201 Marketing and Audience Research  
BSB115 Management, People and Organisations  
BSB119 International and Electronic Business

#### **Year 2, Semester 2**

AMB241 E-Marketing Strategies  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 3, Semester 1**

BSB113 Economics  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 3, Semester 2**

BSB110 Accounting  
BSB111 Business Law and Ethics  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 4, Semester 1**

AMB340 Services Marketing  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 4, Semester 2**

AMB341 Strategic Marketing  
Business Double Major / Extended Major / Specialisation Unit

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

### **Public Relations**

#### **Year 1, Semester 1**

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### **Year 1, Semester 2**

AMB260 Public Relations Theory and Practice  
BSB114 Government, Business and Society  
BSB119 International and Electronic Business

#### **Year 2, Semester 1**

AMB201 Marketing and Audience Research  
AMB261 Media Relations and Publicity  
BSB115 Management, People and Organisations

#### **Year 2, Semester 2**

AMB262 Public Relations Writing  
Business Double Major / Extended Major / Specialisation

**Year 3, Semester 1**

BSB113 Economics  
Business Double Major / Extended Major / Specialisation

**Year 3, Semester 2**

BSB110 Accounting  
BSB111 Business Law and Ethics  
Business Double Major / Extended Major / Specialisation

**Year 4, Semester 1**

AMB360 Corporate Communication Management  
Business Double Major / Extended Major / Specialisation  
Business Double Major / Extended Major / Specialisation

**Year 4, Semester 2**

AMB361 Public Relations Campaigns  
Business Double Major / Extended Major / Specialisation

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

## Science Component

### Faculty Core Units

6 faculty core units, including three Foundation units

### Foundation Units

LSB118 Life Science  
MAB101 Statistical Data Analysis 1  
NRB100 Environmental Science  
PCB101 Physical Science

### Other Science Units

LSB238 Cell and Molecular Biology 1  
LSB258 Principles of Human Physiology  
MAB100 Mathematical Sciences 1A  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C  
NRB240 History of Life on Earth  
NRB230 Planet Earth  
NRB270 Animal and Plant Structure and Function  
PCB142 Chemistry 1  
PCB242 Chemistry 2  
PCB250 Physics 1  
PCB260 Physics 1A

**Note:** Students in a physics major must replace MAB101 with MAB131 or MAB180; and MAB112 with MAB132.

## Biochemistry

### Year 1, Semester 1

LSB118 Life Science  
PCB101 Physical Science

### Year 1, Semester 2

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function

### Year 2, Semester 1

MAB101 Statistical Data Analysis 1  
Either

PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

### Year 2, Semester 2

LSB258 Principles of Human Physiology  
PCB242 Chemistry 2

### Year 3, Semester 1

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2

### Year 3, Semester 2

LSB408 Metabolism  
LSB468 Molecular Biology

### Year 4, Semester 1

LSB508 Advanced Metabolism  
LSB527 Biomedical Research Technologies

### Year 4, Semester 2

LSB607 Protein Purification  
LSB608 Protein Science

## Biotechnology

### Year 1, Semester 1

LSB118 Life Science  
PCB101 Physical Science

### Year 1, Semester 2

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function

### Year 2, Semester 1

MAB101 Statistical Data Analysis 1  
Either

PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

### Year 2, Semester 2

LSB258 Principles of Human Physiology  
PCB242 Chemistry 2

### Year 3, Semester 1

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2

### Year 3, Semester 2

LSB408 Metabolism  
LSB468 Molecular Biology

### Year 4, Semester 1

LSB509 Medical Biotechnology  
LSB537 Genetic Engineering

### Year 4, Semester 2

LSB609 Medical Biotechnology 2  
LSB619 Genomics & Bioinformatics

## Chemistry

### Year 1, Semester 1

MAB100 Mathematical Sciences 1A  
PCB101 Physical Science

### Year 1, Semester 2

LSB118 Life Science  
MAB101 Statistical Data Analysis 1

### Year 2, Semester 1

NRB100 Environmental Science  
PCB142 Chemistry 1

### Year 2, Semester 2

PCB242 Chemistry 2  
PCB260 Physics 1A

### Year 3, Semester 1

PCB305 Principles of Physical Chemistry  
PCB354 Structure and Mechanism in Organic Chemistry

### Year 3, Semester 2

PCB434 Inorganic Chemistry  
PCB444 Spectroscopy

### Year 4, Semester 1

PCB505 Advanced Physical Chemistry  
PCB554 Synthesis and Reactivity in Organic Chemistry

### Year 4, Semester 2

PCB634 Organometallic and Coordination Chemistry  
PCB644 Frontiers in Chemistry

## Ecology

### Year 1, Semester 1

NRB100 Environmental Science  
PCB101 Physical Science

### Year 1, Semester 2

LSB118 Life Science  
NRB240 History of Life on Earth

### Year 2, Semester 1

MAB101 Statistical Data Analysis 1  
Either

PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

### Year 2, Semester 2

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function

### Year 3, Semester 1

NRB301 Earth Surface Systems  
NRB311 Population Ecology

### Year 3, Semester 2

NRB410 Genetics and Evolution  
NRB412 Experimental Design

### Year 4, Semester 1

NRB510 Population Genetics  
NRB511 Population Management

### Year 4, Semester 2

NRB610 Ecological Applications  
NRB611 Conservation Biology

**Environmental Science****Year 1, Semester 1**

NRB100 Environmental Science  
PCB101 Physical Science

**Year 1, Semester 2**

LSB118 Life Science  
NRB240 History of Life on Earth

**Year 2, Semester 1**

MAB101 Statistical Data Analysis 1  
Either

NRB230 Planet Earth, or  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 2**

NRB270 Animal and Plant Structure and Function  
PCB414 Industrial and Environmental Analytical Chemistry

**Year 3, Semester 1**

NRB301 Earth Surface Systems  
NRB311 Population Ecology

**Year 3, Semester 2**

NRB440 Environmental Chemistry  
NRB412 Experimental Design

**Year 4, Semester 1**

NRB500 Environmental Modelling  
NRB572 Terrestrial Ecosystems

**Year 4, Semester 2**

NRB600 Sustainable Environmental Management  
NRB672 Marine and Freshwater Ecosystems

**Forensic Science****Year 1, Semester 1**

LSB118 Life Science  
PCB101 Physical Science

**Year 1, Semester 2**

MAB101 Statistical Data Analysis 1  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 1**

MAB100 Mathematical Sciences 1A  
PCB242 Chemistry 2

**Year 2, Semester 2**

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function

**Year 3, Semester 1**

LSB468 Molecular Biology  
SCB384 Crime Scene and Forensic Science

**Year 3, Semester 2**

JSB937 Forensic Scientific Evidence  
PCB414 Industrial and Environmental Analytical Chemistry

**Year 4, Semester 1**

PCB514 Instrumental Analysis  
PCB584 Forensic Examination of Physical Evidence

**Year 4, Semester 2**

LSB684 Forensic DNA Profiling  
PCB684 Forensic Analysis and Toxicology

**Geoscience****Year 1, Semester 1**

MAB100 Mathematical Sciences 1A  
NRB230 Planet Earth  
PCB101 Physical Science

**Year 1, Semester 2**

MAB101 Statistical Data Analysis 1

**Year 2, Semester 1**

NRB100 Environmental Science  
Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 2**

NRB240 History of Life on Earth  
NRB440 Environmental Chemistry

**Year 3, Semester 1**

NRB331 Sedimentary Geology  
NRB333 Mineralogy

**Year 3, Semester 2**

NRB434 Structural Geology and Field Methods  
NRB436 Introduction to Igneous and Metamorphic Petrology

**Year 4, Semester 1**

Two units from:

NRB533 Advanced Geological Mapping

NRB534 Geophysics

NRB536 Petrology and Geochemistry

**Note:** The major component in assessment and teaching of MAB533 is conducted as a field program during July

**Year 4, Semester 2**

Two units from:

NRB630 Exploration Geology

NRB633 Hydrogeology

NRB635 Plate Tectonics and Advanced Structural Geology

**Microbiology****Year 1, Semester 1**

LSB118 Life Science  
PCB101 Physical Science

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function

**Year 2, Semester 1**

MAB100 Mathematical Sciences 1A  
Either

PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 2**

MAB101 Statistical Data Analysis 1  
PCB242 Chemistry 2

**Year 3, Semester 1**

LSB308 Biochemistry  
LSB328 Microbiology 1

**Year 3, Semester 2**

LSB408 Metabolism  
LSB428 Microbiology 2

**Year 4, Semester 1**

Two units from:

LSB528 Environmental Microbiology  
LSB547 Bacterial Pathogenesis and Disease Diagnosis

LSB568 Electron Microscopy

LSB578 Virology

**Year 4, Semester 2**

Two units from:

LSB628 Food Microbiology  
LSB647 Clinical Mycology and Parasitology

LSB648 Molecular Microbiology

**Physics****Year 1, Semester 1**

MAB131 Engineering Mathematics 1A  
MAB180 Engineering Mathematics 1

PCB101 Physical Science

**Year 1, Semester 2**

MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**

MAB134 Electrical Engineering Mathematics 3  
PCB107 Physics and Quantitative Techniques

**Year 2, Semester 2**

MAB101 Statistical Data Analysis 1  
PCB250 Physics 1

PCB260 Physics 1A

**Year 3, Semester 1**

PCB361 AC Theory and Electronics  
PCB362 Physics 2

**Year 3, Semester 2**

PCB460 Instrumentation and Computational Methods  
PCB462 Thermodynamics and Solid State Physics

**Year 4, Semester 1**

PCB561 Quantum and Condensed Matter Physics  
PCB562 Physical Methods of Analysis

**Year 4, Semester 2**

PCB661 Experimental Physics  
PCB665 Physics 3

## ■ Bachelor of Applied Science/Bachelor of Education (Primary) (IX14)

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Education (Primary)

**CRICOS code:** 037540M

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Megan Hargreaves (Science): Ms Jenny Masters (Education)

### Professional Recognition

The Bachelor of Education (Primary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for registration as a teacher in Queensland are subject to national criminal history checks.

Graduates will satisfy the requirements for membership of the relevant professional body of their chosen science major. See the Bachelor of Applied Science (SC01) course for details.

### Field Experience Requirements

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Course Design

Graduates from this double degree will have a science degree with the same core support and choice of major study areas as the graduates from the Bachelor of Applied Science (SC01) program. Education studies will comprise the co-major component.

In each of the first five semesters, students will take three (and in one semester, four) science units and one from education. The science units will be chosen from the core and advanced level units in the Bachelor of Applied Science program. In the first semester, the core units are designed to broaden students' experience of Science and the four units studied will generally include at least three of the following:

- Life Science, an introduction to the study of life processes, with cells and organisms as the central point of reference.
- Statistical Data Analysis, or how to extract valid results from data collected.
- Environmental Science, incorporating the chemical, physical and biological processes that influence the development of the air, the earth and the atmosphere.
- Physical Science, involving the basic concepts of physics and chemistry.

### SCIENCE COMPONENT:

The requirements of the IX14 course include the completion of 192 credit points of units offered by the Faculty of Science meeting all the requirements for the core and a major as specified for the SC01 program.

As indicated in the SC01 course rules, a major must be completed in one of the following subject areas: Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Geoscience, Mathematics, Microbiology, or Physics. The majors that are most relevant to students intending to follow a career in primary education are Chemistry, Ecology, Geoscience, Mathematics or Physics.

Completion of a major consists of passing units totalling at least 96 credit points from the second and third schedules including a minimum of 48 credit points from the third schedule of the SC01 program.

### Course Structure

#### Biochemistry

##### Year 1, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning

LSB118 Life Science  
PCB101 Physical Science  
Either

PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

##### Year 1, Semester 2

EDB021 Primary Field Studies 1: Development and Learning in the Field

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2

##### Year 2, Semester 1

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
MDB450 Primary Mathematics Curriculum  
Either

NRB100 Environmental Science, or  
MAB101 Statistical Data Analysis 1

##### Year 2, Semester 2

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

LSB408 Metabolism  
LSB468 Molecular Biology  
LSB608 Protein Science

##### Year 3, Semester 1

LSB508 Advanced Metabolism  
LSB527 Biomedical Research Technologies  
Either

LSB537 Genetic Engineering, or  
LSB568 Electron Microscopy  
One Science Elective

##### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB022 Primary Field Studies II: Practising Education in the Field  
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies I

##### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies II

EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

##### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers

EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice

EDB025 Internship (Primary)  
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

### Biotechnology

##### Year 1, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning  
LSB118 Life Science  
PCB101 Physical Science  
Either

PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

##### Year 1, Semester 2

EDB021 Primary Field Studies 1: Development and Learning in the Field

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2

##### Year 2, Semester 1

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
MDB450 Primary Mathematics Curriculum  
Either

MAB101 Statistical Data Analysis 1, or  
NRB100 Environmental Science

##### Year 2, Semester 2

LSB408 Metabolism  
Either

LSB497 Plant Molecular Biology, or  
LSB468 Molecular Biology  
LSB657 Perspectives in Life Science

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

**Year 3, Semester 1**

LSB537 Genetic Engineering  
One Science Elective  
Two of

LSB509 Medical Biotechnology  
LSB568 Electron Microscopy  
LSB577 Plant Biotechnology 1

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies I  
EDB022 Primary Field Studies II: Practising Education in the Field

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies II  
EDB023 Primary Field Studies III: Immersion in Inclusive Educational  
Practices

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of  
Teachers  
EDB024 Primary Field Studies IV: Professional Work of Teachers:  
Induction into Practice  
EDB025 Internship (Primary)  
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and  
Middle Years Curriculum

**Chemistry**

**Year 1, Semester 1**

EDB002 Teaching and Learning Studies 2: Development and Learning  
MAB100 Mathematical Sciences 1A  
PCB101 Physical Science  
PCB142 Chemistry 1

**Year 1, Semester 2**

EDB021 Primary Field Studies 1: Development and Learning in the  
Field  
PCB150 Physics 1H  
PCB242 Chemistry 2  
PCB434 Inorganic Chemistry

**Year 2, Semester 1**

MDB450 Primary Mathematics Curriculum  
NRB100 Environmental Science  
PCB305 Principles of Physical Chemistry  
PCB354 Structure and Mechanism in Organic Chemistry

**Year 2, Semester 2**

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1  
PCB414 Industrial and Environmental Analytical Chemistry  
PCB444 Spectroscopy  
PCB634 Organometallic and Coordination Chemistry

**Year 3, Semester 1**

LSB118 Life Science  
PCB505 Advanced Physical Chemistry  
PCB554 Synthesis and Reactivity in Organic Chemistry  
One of

PCB514 Instrumental Analysis  
PCB584 Forensic Examination of Physical Evidence  
PCB604 Project

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies I  
EDB022 Primary Field Studies II: Practising Education in the Field

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies II  
EDB023 Primary Field Studies II: Immersion in Inclusive Educational  
Practices

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of  
Teachers  
EDB024 Primary Field Studies IV: Professional Work of Teachers:  
Induction into Practice  
EDB025 Internship (Primary)  
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and  
Middle Years Curriculum Project

**Ecology**

**Year 1, Semester 1**

EDB002 Teaching and Learning Studies 2: Development and Learning  
LSB118 Life Science  
NRB100 Environmental Science  
PCB101 Physical Science

**Year 1, Semester 2**

EDB021 Primary Field Studies 1: Development and Learning in the  
Field  
MAB101 Statistical Data Analysis 1  
NRB270 Animal and Plant Structure and Function  
NRB410 Genetics and Evolution

**Year 2, Semester 1**

MDB450 Primary Mathematics Curriculum  
NRB301 Earth Surface Systems  
NRB311 Population Ecology  
NRB370 Invertebrate Biology

**Year 2, Semester 2**

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1  
NRB412 Experimental Design  
NRB470 Vertebrate Biology  
NRB611 Conservation Biology

**Year 3, Semester 1**

NRB510 Population Genetics  
NRB511 Population Management  
NRB572 Terrestrial Ecosystems  
One Science Elective

**Year 3, Semester 2**

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies I  
EDB022 Primary Field Studies II: Practising Education in the Field

**Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies II  
EDB023 Primary Field Studies III: Immersion in Inclusive Educational  
Practices

**Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of  
Teachers  
EDB024 Primary Field Studies IV: Professional Work of Teachers:  
Induction into Practice  
EDB025 Internship (Primary)  
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and  
Middle Years Curriculum Project

**Environmental Science**

**Year 1, Semester 1**

EDB002 Teaching and Learning Studies 2: Development and Learning  
NRB100 Environmental Science  
NRB230 Planet Earth  
PCB101 Physical Science

**Year 1, Semester 2**

EDB021 Primary Field Studies 1: Development and Learning in the  
Field  
LSB118 Life Science  
MAB101 Statistical Data Analysis 1  
Either

PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 1**

MDB450 Primary Mathematics Curriculum  
NRB301 Earth Surface Systems  
NRB311 Population Ecology  
One of

NRB331 Sedimentary Geology  
NRB370 Invertebrate Biology  
NRB371 Plant Biology  
ITB843 Computing Applications

**Year 2, Semester 2**

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1  
NRB412 Experimental Design  
NRB440 Environmental Chemistry  
NRB600 Sustainable Environmental Management

**Year 3, Semester 1**

NRB500 Environmental Modelling

NRB501 Spatial Analysis of Environmental Systems  
NRB572 Terrestrial Ecosystems  
One Science Elective

### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies I  
EDB022 Primary Field Studies II: Practising Education in the Field

### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies II  
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice  
EDB025 Internship (Primary)  
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

## Geoscience

### Year 1, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning  
NRB100 Environmental Science  
NRB230 Planet Earth  
PCB101 Physical Science

### Year 1, Semester 2

EDB021 Primary Field Studies 1: Development and Learning in the Field  
MAB100 Mathematical Sciences 1A  
PCB142 Chemistry 1  
NRB240 History of Life on Earth

### Year 2, Semester 1

MDB450 Primary Mathematics Curriculum  
NRB301 Earth Surface Systems  
NRB331 Sedimentary Geology  
NRB333 Mineralogy

### Year 2, Semester 2

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1  
NRB434 Structural Geology and Field Methods  
NRB436 Introduction to Igneous and Metamorphic Petrology  
NRB633 Hydrogeology  
SCB222 Exploration of the Universe

### Year 3, Semester 1

MAB101 Statistical Data Analysis 1  
NRB533 Advanced Geological Mapping  
NRB534 Geophysics  
NRB536 Petrology and Geochemistry  
One Science Elective

**Note:** The major component in assessment and teaching of NRB533 is conducted as a field program during July.

### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies I  
EDB022 Primary Field Studies II: Practising Education in the Field

### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies II  
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice  
EDB025 Internship (Primary)  
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

## Mathematics (WITH Maths C)

### Year 1, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning  
MAB101 Statistical Data Analysis 1

MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C

### Year 1, Semester 2

EDB021 Primary Field Studies 1: Development and Learning in the Field  
MAB210 Statistical Modelling 1  
MAB220 Computational Mathematics 1  
PCB101 Physical Science

### Year 2, Semester 1

MDB450 Primary Mathematics Curriculum  
One Science unit - selected from:  
LSB118 Life Science  
NRB100 Environmental Science  
Two Level 2 Mathematics units - available units are:  
Advanced Calculus  
MAB311 Linear Algebra  
MAB312 Mathematics of Finance  
MAB313 Statistical Modelling 2  
**Note:** Students must complete at least one of MAB311, MAB312, MAB413

### Year 2, Semester 2

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1  
Two Level 2 Mathematics units - available units are:  
MAB315 Operations Research 2  
MAB413 Differential Equations  
MAB414 Applied Statistics 2  
MAB420 Computational Mathematics 2  
MAB422 Mathematical Modelling  
MAB480 Introduction to Scientific Computation  
One Level 3 Mathematics units - available units are:  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
**Note:** Students must complete at least one of MAB311, MAB312, MAB413

### Year 3, Semester 1

One Science Elective  
Three Level 3 Mathematics units - available units are:  
MAB521 Applied Mathematics 3  
MAB522 Computational Mathematics 3  
MAB523 Introduction to Quality Management  
MAB525 Operations Research 3A  
MAB526 Statistical Science 3  
MAB672 Advanced Mathematical Modelling

### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB008 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies I  
EDB022 Primary Field Studies II: Practising Education in the Field

### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary  
Primary Curriculum Studies II  
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice  
EDB025 Internship (Primary)  
SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

## Mathematics (WITHOUT Maths C)

### Year 1, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning  
MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1  
PCB101 Physical Science

### Year 1, Semester 2

EDB021 Primary Field Studies 1: Development and Learning in the Field  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C  
MAB210 Statistical Modelling 1

### Year 2, Semester 1

MDB450 Primary Mathematics Curriculum  
MAB220 Computational Mathematics 1

Two Level 2 Mathematics units - available units are:  
 MAB311 Advanced Calculus  
 MAB312 Linear Algebra  
 MAB313 Mathematics of Finance  
 MAB314 Statistical Modelling 2  
**Note:** Students must complete at least one of MAB311, MAB312, MAB413

#### **Year 2, Semester 2**

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1

Two Level 2 Mathematics units - available units are:  
 MAB315 Operations Research 2  
 MAB413 Differential Equations  
 MAB414 Applied Statistics 2  
 MAB420 Computational Mathematics 2  
 MAB422 Mathematical Modelling  
 MAB480 Introduction to Scientific Computation

One Level 3 Mathematics units - available units are:  
 MAB621 Discrete Mathematics  
 MAB623 Financial Mathematics  
**Note:** Students must complete at least one of MAB311, MAB312, MAB413

#### **Year 3, Semester 1**

One Science unit - selected from:

LSB118 Life Science  
 NRB100 Environmental Science

Three Level 3 Mathematics units - available units are:  
 MAB521 Applied Mathematics 3  
 MAB522 Computational Mathematics 3  
 MAB523 Introduction to Quality Management  
 MAB525 Operations Research 3A  
 MAB526 Statistical Science 3  
 MAB672 Advanced Mathematical Modelling

#### **Year 3, Semester 2**

EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I  
 EDB022 Primary Field Studies II: Practising Education in the Field

#### **Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II  
 EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

#### **Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice  
 EDB025 Internship (Primary)  
 SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

### **Microbiology**

#### **Year 1, Semester 1**

EDB002 Teaching and Learning Studies 2: Development and Learning  
 LSB118 Life Science  
 PCB101 Physical Science  
 Either  
 PCB140 Introductory Chemistry, or  
 PCB142 Chemistry 1

#### **Year 1, Semester 2**

EDB021 Primary Field Studies 1: Development and Learning in the Field  
 LSB238 Cell and Molecular Biology 1  
 NRB270 Animal and Plant Structure and Function  
 PCB242 Chemistry 2

#### **Year 2, Semester 1**

LSB308 Biochemistry  
 LSB328 Microbiology 1  
 MAB101 Statistical Data Analysis 1  
 MDB450 Primary Mathematics Curriculum

#### **Year 2, Semester 2**

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1  
 LSB408 Metabolism  
 LSB428 Microbiology 2  
 Either  
 LSB647 Clinical Mycology and Parasitology, or

LSB648 Molecular Microbiology

#### **Year 3, Semester 1**

LSB528 Environmental Microbiology  
 LSB547 Bacterial Pathogenesis and Disease Diagnosis  
 LSB568 Electron Microscopy  
 One Science Elective (eg LSB338)

#### **Year 3, Semester 2**

EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I  
 EDB022 Primary Field Studies II: Practising Education in the Field

#### **Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II  
 EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice  
 EDB025 Internship (Primary)  
 SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

### **Physics**

#### **Year 1, Semester 1**

EDB002 Teaching and Learning Studies 2: Development and Learning  
 PCB101 Physical Science  
 PCB107 Physics and Quantitative Techniques  
 Either  
 MAB180 Engineering Mathematics 1, or  
 MAB131 Engineering Mathematics 1A

#### **Year 1, Semester 2**

EDB021 Primary Field Studies 1: Development and Learning in the Field  
 MAB132 Engineering Mathematics 1B  
 PCB250 Physics 1  
 PCB260 Physics 1A

#### **Year 2, Semester 1**

MAB134 Electrical Engineering Mathematics 3  
 MDB450 Primary Mathematics Curriculum  
 PCB361 AC Theory and Electronics  
 PCB362 Physics 2

#### **Year 2, Semester 2**

CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1  
 PCB445 Nanotechnology and Nanoscience  
 PCB460 Instrumentation and Computational Methods  
 PCB462 Thermodynamics and Solid State Physics

#### **Year 3, Semester 1**

PCB561 Quantum and Condensed Matter Physics  
 PCB562 Physical Methods of Analysis  
 PCB661 Experimental Physics  
 Either

LSB118 Life Science, or  
 NRB100 Environmental Science

#### **Year 3, Semester 2**

EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB008 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies I  
 EDB022 Primary Field Studies II: Practising Education in the Field

#### **Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II  
 EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices

#### **Year 4, Semester 2**

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice  
 EDB025 Internship (Primary)  
 SPB035 Primary Curriculum and Pedagogies: Integrated Primary and Middle Years Curriculum Project

## ■ Bachelor of Applied Science/Bachelor of Education (Secondary) (IX02)

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Education (Secondary)

**CRICOS code:** 020322E

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 48 (semesters 1, 6-8), 60 (semesters 2-5)

**Course coordinator:** Dr Megan Hargreaves (Science); Dr Peter Bond (Secondary)

### Professional Recognition

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for registration as a teacher in Queensland are subject to national criminal history checks.

Graduates will satisfy the requirements for membership of the relevant professional body for their chosen major. See the Bachelor of Applied Science (SC01) course for details.

### Course Design

See the Bachelor of Applied Science (SC01) course information for details of majors areas of study. To allow students to complete the double degree in a shorter period time, co-majors are to be taken from the education technology program.

In the first five semesters students will study a total of 20 science units. The science units will include selected science and mathematics units appropriate for general science teaching.

Teaching areas will depend on the major and teaching combinations chosen, but combinations should be appropriate for either Science Studies (General Science) with Biology, Chemistry, Geology, Physics for Mathematics; or Mathematics with Physics, Chemistry, Geoscience or Biology.

In the final semester, students may undertake the Middle Years of Schooling Pathway developing the knowledge, skills and understanding required to participate fully in the middle schooling reform movement.

### Field Experience Requirements

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Course Structure

#### Biochemistry

##### Year 1, Semester 1

LSB118 Life Science  
NRB100 Environmental Science  
PCB101 Physical Science

Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

##### Year 1, Semester 2

LSB238 Cell and Molecular Biology 1  
MAB101 Statistical Data Analysis 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2  
SCB222 Exploration of the Universe

##### Year 2, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning  
EDB031 Secondary Field Studies 1: Development and Learning in the Field

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
Curriculum Studies 1X

##### Year 2, Semester 2

MDB454 Science, Technology and Society  
LSB408 Metabolism  
LSB468 Molecular Biology

LSB608 Protein Science  
Either  
LSB497 Plant Molecular Biology, or  
LSB605 Protein Engineering and Bioprocessing

##### Year 3, Semester 1

LSB508 Advanced Metabolism  
LSB527 Biomedical Research Technologies  
Either

LSB568 Electron Microscopy, or  
LSB537 Genetic Engineering  
NRB230 Planet Earth

Curriculum Studies 1Y

##### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB032 Secondary Field Studies II: Practising Education in the Field  
Curriculum Studies 2X  
Curriculum Studies 2Y

##### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
Curriculum Studies 3X  
Curriculum Studies 3Y

##### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
EDB035 Internship (Secondary)  
Education Elective

### Biotechnology

#### Year 1, Semester 1

LSB118 Life Science  
PCB101 Physical Science  
NRB100 Environmental Science

Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

#### Year 1, Semester 2

LSB238 Cell and Molecular Biology 1  
MAB101 Statistical Data Analysis 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2  
SCB222 Exploration of the Universe

#### Year 2, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning  
EDB031 Secondary Field Studies 1: Development and Learning in the Field

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
Curriculum Studies 1X

#### Year 2, Semester 2

LSB408 Metabolism  
LSB468 Molecular Biology  
LSB605 Protein Engineering and Bioprocessing  
MDB454 Science, Technology and Society  
NRB240 History of Life on Earth

#### Year 3, Semester 1

LSB527 Biomedical Research Technologies  
LSB537 Genetic Engineering  
LSB568 Electron Microscopy

Either  
LSB509 Medical Biotechnology, or  
LSB577 Plant Biotechnology 1  
Curriculum Studies 1Y

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB032 Secondary Field Studies II: Practising Education in the Field  
Curriculum Studies 2X  
Curriculum Studies 2Y

#### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
Curriculum Studies 3X  
Curriculum Studies 3Y



**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
 EDB035 Internship (Secondary) Education Elective

**Chemistry****Year 1, Semester 1**

- MAB101 Statistical Data Analysis 1  
 NRB100 Environmental Science  
 PCB101 Physical Science  
 PCB142 Chemistry 1

**Year 1, Semester 2**

- LSB118 Life Science  
 MAB100 Mathematical Sciences 1A  
 PCB150 Physics 1H  
 PCB242 Chemistry 2  
 PCB434 Inorganic Chemistry

**Year 2, Semester 1**

- EDB002 Teaching and Learning Studies 2: Development and Learning  
 EDB031 Secondary Field Studies 1: Development and Learning in the Field  
 PCB305 Principles of Physical Chemistry  
 PCB354 Structure and Mechanism in Organic Chemistry Curriculum Studies 1X

**Year 2, Semester 2**

- MDB454 Science, Technology and Society  
 PCB414 Industrial and Environmental Analytical Chemistry  
 PCB444 Spectroscopy  
 PCB634 Organometallic and Coordination Chemistry  
 SCB222 Exploration of the Universe

**Year 3, Semester 1**

- NRB230 Planet Earth  
 PCB505 Advanced Physical Chemistry  
 PCB554 Synthesis and Reactivity in Organic Chemistry One of  
 PCB514 Instrumental Analysis  
 PCB584 Forensic Examination of Physical Evidence  
 PCB604 Project Curriculum Studies 1Y

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field Curriculum Studies 2X Curriculum Studies 2Y

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices Curriculum Studies 3X Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
 EDB035 Internship (Secondary) Education Elective

**Ecology****Year 1, Semester 1**

- LSB118 Life Science  
 NRB100 Environmental Science  
 NRB230 Planet Earth  
 PCB101 Physical Science

**Year 1, Semester 2**

- MAB101 Statistical Data Analysis 1  
 NRB240 History of Life on Earth  
 NRB270 Animal and Plant Structure and Function  
 NRB410 Genetics and Evolution  
 SCB222 Exploration of the Universe

**Year 2, Semester 1**

- EDB002 Teaching and Learning Studies 2: Development and Learning  
 EDB031 Secondary Field Studies 1: Development and Learning in the Field  
 NRB301 Earth Surface Systems  
 NRB311 Population Ecology

## Curriculum Studies 1X

**Year 2, Semester 2**

- MDB454 Science, Technology and Society  
 NRB412 Experimental Design  
 NRB470 Vertebrate Biology  
 NRB611 Conservation Biology  
 NRB672 Marine and Freshwater Ecosystems

**Year 3, Semester 1**

- NRB510 Population Genetics  
 NRB511 Population Management  
 NRB572 Terrestrial Ecosystems  
 Science elective  
 Curriculum Studies 1Y

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field Curriculum Studies 2X Curriculum Studies 2Y

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices Curriculum Studies 3X Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
 EDB035 Internship (Secondary) Education Elective

**Environmental Science****Year 1, Semester 1**

- LSB118 Life Science  
 NRB100 Environmental Science  
 NRB230 Planet Earth  
 PCB101 Physical Science

**Year 1, Semester 2**

- MAB101 Statistical Data Analysis 1  
 NRB240 History of Life on Earth  
 NRB270 Animal and Plant Structure and Function  
 SCB222 Exploration of the Universe  
 Either  
 PCB140 Introductory Chemistry, or  
 PCB142 Chemistry 1

**Year 2, Semester 1**

- EDB002 Teaching and Learning Studies 2: Development and Learning  
 EDB031 Secondary Field Studies 1: Development and Learning in the Field  
 NRB301 Earth Surface Systems  
 NRB311 Population Ecology Curriculum Studies 1X

**Year 2, Semester 2**

- MDB454 Science, Technology and Society  
 NRB412 Experimental Design  
 NRB440 Environmental Chemistry  
 NRB600 Sustainable Environmental Management  
 NRB672 Marine and Freshwater Ecosystems

**Year 3, Semester 1**

- NRB500 Environmental Modelling  
 NRB501 Spatial Analysis of Environmental Systems  
 NRB572 Terrestrial Ecosystems  
 One Science elective  
 Curriculum Studies 1Y

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field Curriculum Studies 2X Curriculum Studies 2Y

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices Curriculum Studies 3X Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers

EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035	Internship (Secondary) Education Elective

**Geoscience****Year 1, Semester 1**

MAB100	Mathematical Sciences 1A
NRB100	Environmental Science
NRB230	Planet Earth
PCB101	Physical Science

**Year 1, Semester 2**

LSB118	Life Science
MAB101	Statistical Data Analysis 1
NRB240	History of Life on Earth
SCB222	Exploration of the Universe Either
PCB140	Introductory Chemistry, or
PCB142	Chemistry 1

**Year 2, Semester 1**

EDB002	Teaching and Learning Studies 2: Development and Learning
EDB031	Secondary Field Studies 1: Development and Learning in the Field
NRB331	Sedimentary Geology
NRB333	Mineralogy Curriculum Studies 1X

**Year 2, Semester 2**

MDB454	Science, Technology and Society
NRB434	Structural Geology and Field Methods
NRB436	Introduction to Igneous and Metamorphic Petrology
NRB633	Hydrogeology One unit from:
NRB437	Stratigraphy and Depositional Environments
NRB440	Environmental Chemistry

**Year 3, Semester 1**

NRB301	Earth Surface Systems
NRB533	Advanced Geological Mapping
NRB534	Geophysics
NRB536	Petrology and Geochemistry Curriculum Studies 1Y

**Note:** The major component in assessment and teaching of NRB533 is conducted as a field program during July.

**Year 3, Semester 2**

EDB003	Teaching and Learning Studies 3: Practising Education
EDB032	Secondary Field Studies II: Practising Education in the Field Curriculum Studies 2X Curriculum Studies 2Y

**Year 4, Semester 1**

EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB033	Secondary Field Studies III: Immersion in Inclusive Educational Practices Curriculum Studies 3X Curriculum Studies 3Y

**Year 4, Semester 2**

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035	Internship (Secondary) Education Elective

**Mathematics (WITH Maths C)****Year 1, Semester 1**

MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
PCB101	Physical Science

**Year 1, Semester 2**

LSB118	Life Science
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1
PCB142	Chemistry 1
SCB222	Exploration of the Universe

**Year 2, Semester 1**

EDB002	Teaching and Learning Studies 2: Development and Learning
EDB031	Secondary Field Studies 1: Development and Learning in the Field Two Level 2 Mathematics units * - available units are:
MAB311	Advanced Calculus

MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2 Curriculum Studies 1X

**Note:** Students must complete at least one of MAB311, MAB312, MAB413

**Year 2, Semester 2**

MDB454	Science, Technology and Society Two Level 2 Mathematics units * - available units are:
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling
MAB480	Introduction to Scientific Computation Two Level 3 Mathematics units - available units are:
MAB621	Discrete Mathematics
MAB623	Financial Mathematics

**Note:** Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 1**

PCB107	Physics and Quantitative Techniques Three Level 3 Mathematics units - available units are:
MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB525	Operations Research 3A
MAB526	Statistical Science 3
MAB672	Advanced Mathematical Modelling Curriculum Studies 1Y

**Year 3, Semester 2**

EDB003	Teaching and Learning Studies 3: Practising Education
EDB032	Secondary Field Studies II: Practising Education in the Field Curriculum Studies 2X Curriculum Studies 2Y

**Year 4, Semester 1**

EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB033	Secondary Field Studies III: Immersion in Inclusive Educational Practices Curriculum Studies 3X Curriculum Studies 3Y

**Year 4, Semester 2**

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035	Internship (Secondary) Education Elective

**Mathematics (WITHOUT Maths C)****Year 1, Semester 1**

MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1
PCB101	Physical Science Either
PCB140	Introductory Chemistry, or
PCB142	Chemistry 1

**Year 1, Semester 2**

LSB118	Life Science
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1
SCB222	Exploration of the Universe

**Year 2, Semester 1**

EDB002	Teaching and Learning Studies 2: Development and Learning
EDB031	Secondary Field Studies 1: Development and Learning in the Field Two Level 2 Mathematics units* - available units are:
MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2 Curriculum Studies 1X

**Year 2, Semester 2**

MDB454	Science, Technology and Society Two Level 2 Mathematics Units* - available units are:
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2

MAB420 Computational Mathematics 2  
MAB422 Mathematical Modelling  
MAB480 Introduction to Scientific Computation  
Two Level 3 Mathematics units - available units are:  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
**Note:** Students must complete at least one of MAB311, MAB312, MAB413

#### Year 3, Semester 1

PCB107 Physics and Quantitative Techniques  
Three Level 3 Mathematics units - available units are:  
MAB521 Applied Mathematics 3  
MAB522 Computational Mathematics 3  
MAB523 Introduction to Quality Management  
MAB525 Operations Research 3A  
MAB526 Statistical Science 3  
MAB672 Advanced Mathematical Modelling  
Curriculum Studies 1Y

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB032 Secondary Field Studies II: Practising Education in the Field  
Curriculum Studies 2X  
Curriculum Studies 2Y

#### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
Curriculum Studies 3X  
Curriculum Studies 3Y

#### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
EDB035 Internship (Secondary)  
Education Elective

### Microbiology

#### Year 1, Semester 1

LSB118 Life Science  
NRB100 Environmental Science  
PCB101 Physical Science  
Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

#### Year 1, Semester 2

LSB238 Cell and Molecular Biology 1  
MAB101 Statistical Data Analysis 1  
NRB270 Animal and Plant Structure and Function  
PCB242 Chemistry 2  
SCB222 Exploration of the Universe

#### Year 2, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning  
EDB031 Secondary Field Studies 1: Development and Learning in the Field  
LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
Curriculum Studies 1X

#### Year 2, Semester 2

LSB408 Metabolism  
LSB428 Microbiology 2  
MDB454 Science, Technology and Society  
NRB240 History of Life on Earth  
Science elective

#### Year 3, Semester 1

LSB528 Environmental Microbiology  
LSB547 Bacterial Pathogenesis and Disease Diagnosis  
LSB568 Electron Microscopy  
LSB578 Virology  
Curriculum Studies 1Y

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB032 Secondary Field Studies II: Practising Education in the Field  
Curriculum Studies 2X  
Curriculum Studies 2Y

#### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices

Curriculum Studies 3X  
Curriculum Studies 3Y

#### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
EDB035 Internship (Secondary)  
Education Elective

### Physics

#### Year 1, Semester 1

PCB101 Physical Science  
PCB107 Physics and Quantitative Techniques  
Either  
MAB180 Engineering Mathematics 1  
MAB131 Engineering Mathematics 1A, or  
Either  
NRB100 Environmental Science, or  
ITB111 Software Development 1

#### Year 1, Semester 2

MAB132 Engineering Mathematics 1B  
MDB454 Science, Technology and Society  
PCB250 Physics 1  
PCB260 Physics 1A  
SCB222 Exploration of the Universe

#### Year 2, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning  
EDB031 Secondary Field Studies 1: Development and Learning in the Field  
MAB134 Electrical Engineering Mathematics 3  
PCB361 AC Theory and Electronics  
Curriculum Studies 1X

#### Year 2, Semester 2

LSB118 Life Science  
PCB445 Nanotechnology and Nanoscience  
PCB460 Instrumentation and Computational Methods  
PCB462 Thermodynamics and Solid State Physics  
PCB469 Astrophysics 1

#### Year 3, Semester 1

PCB561 Quantum and Condensed Matter Physics  
PCB562 Physical Methods of Analysis  
PCB563 Global Energy and Climate Change  
PCB661 Experimental Physics  
Curriculum Studies 1Y

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB032 Secondary Field Studies II: Practising Education in the Field  
Curriculum Studies 2X  
Curriculum Studies 2Y

#### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
Curriculum Studies 3X  
Curriculum Studies 3Y

#### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
EDB035 Internship (Secondary)  
Education Elective

### Science Component

#### Major in Physics (with Mathematics Studies)

Replace one science unit (not Physics units) with MAB101 Statistical Data Analysis 1.

Optional - replace up to two other science units (not Physics units) with mathematics units from MAB210, MAB220 or Level 2 or Level 3 units.

#### Mathematics Studies for Majors other than Mathematics or Physics

The following four mathematics units should be included:

MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C

Up to two other mathematical units may also be selected.

**List 1: Curriculum Studies 1X & 1Y**

Prerequisite: Normally minimum of 24 credit points of relevant discipline

MDB009	Biology Curriculum Studies 1
MDB012	Chemistry Curriculum Studies 1
MDB018	Earth Science Curriculum Studies 1
MDB021	Mathematics Curriculum Studies 1
MDB024	Physics Curriculum Studies 1
MDB027	Science Curriculum Studies 1

**List 2: Curriculum Studies 2X & 2Y**

Prerequisites: Curriculum Studies 1X & 1Y

MDB010	Biology Curriculum Studies 2
MDB013	Chemistry Curriculum Studies 2
MDB019	Earth Science Curriculum Studies 2
MDB022	Mathematics Curriculum Studies 2
MDB025	Physics Curriculum Studies 2
MDB028	Science Curriculum Studies 2

**List 3: Curriculum Studies 3X & 3Y**

Prerequisites: Curriculum Studies 2X & 2Y

MDB011	Biology Curriculum Studies 3
MDB014	Chemistry Curriculum Studies 3
MDB020	Earth Science Curriculum Studies 3
MDB023	Mathematics Curriculum Studies 3
MDB026	Physics Curriculum Studies 3
MDB029	Science Curriculum Studies 3

## ■ Bachelor of Applied Science/Bachelor of Information Technology (IF29)

**Award title:** Bachelor of Applied Science (Study Area

A)/Bachelor of Information Technology

**CRICOS code:** 020327M

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 408 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Megan Hargreaves (Science); Dr Alan Tickle (InfTech)

**Professional Recognition**

Graduates will satisfy the requirements for membership in the relevant professional body for their chosen science major. See the Bachelor of Applied Science (SC01) course for details. Graduates are also eligible for membership of the Australian Computer Society (ACS).

**Course Design**

The science component of the course offers students a choice of one of eight majors: Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Forensic Science, Geoscience, Microbiology and Physics. See the Bachelor of Applied Science (SC01) course information for more details. So that students can complete the double degree in a shorter period of time, co-majors are to be taken from the information technology program.

The information technology component gives students the opportunity to undertake a combined major in Data Communications and Software Engineering. Theoretical aspects are balanced by strong practical components in both of the science and information technology degrees.

**Cooperative Education Program**

An optional one-year period of paid work experience in an area of information technology is available to eligible full-time students. The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Companies that QUT's Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ and Sun Microsystems.

**Course Structure****Biochemistry****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
LSB118	Life Science
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB113	Systems Architecture
ITB116	IT Professional Studies 1
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function

**Year 2, Semester 1**

ITB114	Networking Systems
ITB610	Software Development 3
ITB616	Computer Architecture
MAB101	Statistical Data Analysis 1

Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 2**

LSB258	Principles of Human Physiology
PCB242	Chemistry 2
ITB611	Object Technology
ITB612	Software Engineering Principles

**Year 3, Semester 1**

LSB308	Biochemistry
LSB338	Cell and Molecular Biology 2
ITB614	Programming Languages
ITB624	Internetworking

**Year 3, Semester 2**

LSB408	Metabolism
LSB468	Molecular Biology
ITB617	Concurrent and Distributed Systems

IT Elective Unit selected from list

**Year 4, Semester 1**

ITB613	Advanced Programming Laboratory
LSB508	Advanced Metabolism
LSB527	Biomedical Research Technologies

IT Elective Unit selected from list

**Year 4, Semester 2**

LSB607	Protein Purification
LSB608	Protein Science

IT Elective Unit selected from list  
IT Elective Unit selected from list

**Biotechnology (Medical Strand)****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
LSB118	Life Science
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB113	Systems Architecture
ITB116	IT Professional Studies 1
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function

**Year 2, Semester 1**

ITB114	Networking Systems
ITB610	Software Development 3
ITB616	Computer Architecture
MAB101	Statistical Data Analysis 1

Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 2**

ITB611	Object Technology
ITB612	Software Engineering Principles
LSB258	Principles of Human Physiology
PCB242	Chemistry 2

**Year 3, Semester 1**

LSB338	Cell and Molecular Biology 2
LSB308	Biochemistry
ITB614	Programming Languages
ITB624	Internetworking

**Year 3, Semester 2**

ITB617	Concurrent and Distributed Systems IT Elective Unit selected from list
LSB408	Metabolism
LSB468	Molecular Biology

**Year 4, Semester 1**

LSB537	Genetic Engineering
LSB509	Medical Biotechnology
ITB613	Advanced Programming Laboratory IT Elective Unit selected from list

**Year 4, Semester 2**

LSB609	Medical Biotechnology 2
LSB619	Genomics & Bioinformatics IT Elective Unit selected from list IT Elective Unit selected from list

**Chemistry****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
MAB100	Mathematical Sciences 1A
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB113	Systems Architecture
ITB116	IT Professional Studies 1
LSB118	Life Science
MAB101	Statistical Data Analysis 1

**Year 2, Semester 1**

ITB113	Systems Architecture
ITB610	Software Development 3
ITB624	Internetworking
NRB100	Environmental Science
PCB142	Chemistry 1

**Year 2, Semester 2**

PCB150	Physics 1H
PCB242	Chemistry 2

**Year 3, Semester 1**

ITB616	Computer Architecture
PCB305	Principles of Physical Chemistry
PCB354	Structure and Mechanism in Organic Chemistry IT Elective Unit selected from list

**Year 3, Semester 2**

ITB611	Object Technology
ITB612	Software Engineering Principles
PCB434	Inorganic Chemistry
PCB444	Spectroscopy

**Year 4, Semester 1**

ITB613	Advanced Programming Laboratory
PCB505	Advanced Physical Chemistry
PCB554	Synthesis and Reactivity in Organic Chemistry IT Elective Unit selected from list

**Year 4, Semester 2**

PCB634	Organometallic and Coordination Chemistry
PCB644	Frontiers in Chemistry IT Elective Unit selected from list IT Elective Unit selected from list

**Ecology****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
NRB100	Environmental Science
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB113	Systems Architecture
ITB116	IT Professional Studies 1
LSB118	Life Science
NRB240	History of Life on Earth

**Year 2, Semester 1**

ITB113	Systems Architecture
ITB610	Software Development 3
ITB624	Internetworking
MAB101	Statistical Data Analysis 1 Either
PCB140	Introductory Chemistry, or
PCB142	Chemistry 1

**Year 2, Semester 2**

ITB627	Network Technologies
ITB629	Network Services
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function

**Year 3, Semester 1**

ITB616	Computer Architecture
NRB301	Earth Surface Systems
NRB311	Population Ecology IT Specialisation Unit selected from List 1

**Year 3, Semester 2**

ITB611	Object Technology
ITB612	Software Engineering Principles
NRB410	Genetics and Evolution
NRB412	Experimental Design

**Year 4, Semester 1**

ITB613	Advanced Programming Laboratory
NRB510	Population Genetics
NRB511	Population Management IT Specialisation Unit selected from List 1

**Year 4, Semester 2**

NRB610	Ecological Applications
NRB611	Conservation Biology IT Specialisation Unit selected from List 1 IT Specialisation Unit selected from List 1

**Environmental Science****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
NRB100	Environmental Science
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB113	Systems Architecture
ITB116	IT Professional Studies 1
LSB118	Life Science
NRB240	History of Life on Earth

**Year 2, Semester 1**

ITB113	Systems Architecture
ITB610	Software Development 3
ITB624	Internetworking
MAB101	Statistical Data Analysis 1 Either
NRB230	Planet Earth, or
PCB140	Introductory Chemistry, or
PCB142	Chemistry 1

**Year 2, Semester 2**

ITB627	Network Technologies
ITB629	Network Services
NRB270	Animal and Plant Structure and Function
PCB414	Industrial and Environmental Analytical Chemistry

**Year 3, Semester 1**

ITB616	Computer Architecture
NRB301	Earth Surface Systems
NRB311	Population Ecology IT Specialisation Unit selected from List 1

**Year 3, Semester 2**

ITB611	Object Technology
ITB612	Software Engineering Principles
NRB412	Experimental Design
NRB440	Environmental Chemistry

**Year 4, Semester 1**

ITB613	Advanced Programming Laboratory
NRB500	Environmental Modelling
NRB572	Terrestrial Ecosystems IT Specialisation Unit selected from List 1

**Year 4, Semester 2**

NRB600	Sustainable Environmental Management
NRB672	Marine and Freshwater Ecosystems IT Specialisation Unit selected from List 1 IT Specialisation Unit selected from List 1

**Forensic Science****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
LSB118	Life Science
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB114	Networking Systems
ITB118	ICT Systems Life Cycle
MAB101	Statistical Data Analysis 1
PCB140	Introductory Chemistry, or
PCB142	Chemistry 1

**Year 2, Semester 1**

ITB113	Systems Architecture
ITB610	Software Development 3
ITB624	Internetworking
MAB100	Mathematical Sciences 1A
PCB242	Chemistry 2

**Year 2, Semester 2**

ITB627	Network Technologies
ITB629	Network Services
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function

**Year 3, Semester 1**

ITB616	Computer Architecture
LSB468	Molecular Biology
SCB384	Crime Scene and Forensic Science
	IT Elective Unit

**Year 3, Semester 2**

ITB611	Object Technology
ITB612	Software Engineering Principles
JSB937	Forensic Scientific Evidence
PCB414	Industrial and Environmental Analytical Chemistry

**Year 4, Semester 1**

ITB613	Advanced Programming Laboratory
PCB514	Instrumental Analysis
PCB584	Forensic Examination of Physical Evidence
	IT Elective Unit

**Year 4, Semester 2**

LSB684	Forensic DNA Profiling
PCB684	Forensic Analysis and Toxicology
	IT Elective Unit
	IT Elective Unit

**Geoscience****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
MAB100	Mathematical Sciences 1A
NRB230	Planet Earth

**Year 1, Semester 2**

ITB112	Software Development 2
ITB113	Systems Architecture
ITB116	IT Professional Studies 1
MAB101	Statistical Data Analysis 1
PCB101	Physical Science

**Year 2, Semester 1**

ITB114	Networking Systems
ITB610	Software Development 3
ITB116	IT Professional Studies 1
NRB100	Environmental Science
	Either
PCB140	Introductory Chemistry, or
PCB142	Chemistry 1

**Year 2, Semester 2**

ITB611	Object Technology
ITB612	Software Engineering Principles
NRB240	History of Life on Earth
NRB440	Environmental Chemistry

**Year 3, Semester 1**

ITB614	Programming Languages
ITB624	Internetworking
NRB331	Sedimentary Geology
NRB333	Mineralogy

**Year 3, Semester 2**

ITB617	Concurrent and Distributed Systems
	IT Elective Unit selected from list
NRB434	Structural Geology and Field Methods
NRB436	Introduction to Igneous and Metamorphic Petrology

**Year 4, Semester 1**

ITB613	Advanced Programming Laboratory
ITB6xx	IT Elective Unit selected from list
NRB301	Earth Surface Systems
	One unit from

NRB533 Advanced Geological Mapping

NRB534 Geophysics

NRB536 Petrology and Geochemistry

**Note:** The major component in assessment and teaching of NRB533 is conducted as a field program during July

**Year 4, Semester 2**

	IT Elective Unit selected from list
	IT Elective Unit selected from list
NRB601	Field Assessment and Monitoring of Natural Resources
	One unit from
NRB630	Exploration Geology
NRB633	Hydrogeology
NRB635	Plate Tectonics and Advanced Structural Geology

**Microbiology****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
LSB118	Life Science
PCB101	Physical Science

**Year 1, Semester 2**

ITB112	Software Development 2
ITB113	Systems Architecture
ITB116	IT Professional Studies 1
LSB238	Cell and Molecular Biology 1
NRB270	Animal and Plant Structure and Function

**Year 2, Semester 1**

ITB114	Networking Systems
ITB610	Software Development 3
ITB616	Computer Architecture
MAB101	Statistical Data Analysis 1
	Either
PCB140	Introductory Chemistry, or
PCB142	Chemistry 1

**Year 2, Semester 2**

ITB611	Object Technology
ITB612	Software Engineering Principles
LSB258	Principles of Human Physiology
PCB242	Chemistry 2

**Year 3, Semester 1**

ITB614	Programming Languages
ITB624	Internetworking
LSB328	Microbiology 1
LSB308	Biochemistry

**Year 3, Semester 2**

ITB617	Concurrent and Distributed Systems
	IT Elective Unit
LSB408	Metabolism
LSB428	Microbiology 2

**Year 4, Semester 1**

ITB613	Advanced Programming Laboratory
	IT Elective Unit
	Two units from
LSB528	Environmental Microbiology
LSB547	Bacterial Pathogenesis and Disease Diagnosis
LSB568	Electron Microscopy

**Year 4, Semester 2**

	IT Elective Unit
	IT Elective Unit
LSB628	Food Microbiology
LSB647	Clinical Mycology and Parasitology

**Physics****Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
PCB101	Physical Science
	Either

MAB131	Engineering Mathematics 1A, or
MAB180	Engineering Mathematics 1

**Year 1, Semester 2**

ITB112	Software Development 2
ITB113	Systems Architecture
ITB116	IT Professional Studies 1
MAB132	Engineering Mathematics 1B

**Year 2, Semester 1**

ITB114	Networking Systems
ITB610	Software Development 3
ITB616	Computer Architecture

MAB134 Electrical Engineering Mathematics 3  
PCB107 Physics and Quantitative Techniques

#### **Year 2, Semester 2**

ITB611 Object Technology  
ITB612 Software Engineering Principles  
MAB101 Statistical Data Analysis 1  
PCB250 Physics 1  
PCB260 Physics 1A

#### **Year 3, Semester 1**

ITB614 Programming Languages  
ITB616 Computer Architecture  
PCB361 AC Theory and Electronics  
PCB362 Physics 2

#### **Year 3, Semester 2**

ITB617 Concurrent and Distributed Systems  
IT Elective Unit  
PCB460 Instrumentation and Computational Methods  
PCB462 Thermodynamics and Solid State Physics

#### **Year 4, Semester 1**

PCB561 Quantum and Condensed Matter Physics  
PCB562 Physical Methods of Analysis  
ITB613 Advanced Programming Laboratory  
IT Elective Unit selected from list

#### **Year 4, Semester 2**

PCB661 Experimental Physics  
PCB665 Physics 3  
IT Elective Unit  
IT Elective Unit

### **IT Elective Units**

#### **Information Systems**

ITB233 Enterprise Systems Applications  
ITB236 Object-Oriented Analysis And Design  
ITB241 Information Technology Management  
ITB243 Knowledge-Based Systems  
ITB245 R/3 Systems Administration  
ITB254 Interactivity Design  
ITB257 Multimedia Systems  
ITB258 ABAP Programming  
ITB260 E-Commerce Site Development  
ITB262 E-Commerce Technologies  
ITB263 Web Intelligence For E-Commerce  
ITB264 Information Systems Consulting  
ITB267 Data Warehousing For Decision Support

#### **Software Engineering and Data Communications**

ITB626 Management of Network Systems  
ITB628 Network Planning  
ITB640 Artificial Intelligence  
ITB641 Component and Network Applications  
ITB642 Web Application Development  
ITB643 Unix Systems Programming  
ITB644 Windows Administration  
ITB645 Network Security  
ITB646 Cryptographic Fundamentals  
ITB648 Graphics

## **■ Bachelor of Applied Science/Bachelor of Laws (IF39)**

**Award title:** Bachelor of Applied Science (Study Area A)/Bachelor of Laws

**CRICOS code:** 012661G

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 528 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)

**Standard credit points per semester (full-time):** 60 (years 1 and 4), 48 (years 2, 3 and 5)

**Course coordinator:** Dr Megan Hargreaves (Science); Director, Undergraduate Programs (Law)

### **Course Structure**

The course is designed to cover all major areas of the law as well as allowing students to choose any one of the science majors that are offered in the Bachelor of Applied Science (SC01) course.

To allow students to complete the double degree in a shorter period of time, the co-major will be taken from the law program therefore it is not possible for students to choose any of the co-majors listed under the Bachelor of Applied Science course.

The science units are taken in conjunction with law units in the first three years, with the fourth and fifth years of the course normally consisting entirely of law units.

### **Professional Recognition**

Graduates will satisfy the requirements of membership in the relevant professional body for their chosen science major. See the Bachelor of Applied Science (SC01) course for details. The Bachelor of Laws component covers the areas of law required for admission as a solicitor and/or barrister in all Australian states and territories.

### **Biochemistry**

#### **Year 1, Semester 1**

Introduction to Legal Research #  
LSB118 Life Science  
LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice  
MAB101 Statistical Data Analysis 1  
PCB101 Physical Science  
**Year 1, Semester 2**  
LSB238 Cell and Molecular Biology 1  
LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives  
NRB270 Animal and Plant Structure and Function  
Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

#### **Year 2, Semester 1**

LSB308 Biochemistry  
LSB338 Cell and Molecular Biology 2  
LWB136 Contracts A  
PCB242 Chemistry 2

#### **Year 2, Semester 2**

LSB258 Principles of Human Physiology  
LSB408 Metabolism  
LSB468 Molecular Biology  
LWB137 Contracts B

#### **Year 3, Semester 1**

LSB508 Advanced Metabolism  
LSB527 Biomedical Research Technologies  
LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law

#### **Year 3, Semester 2**

LSB607 Protein Purification  
LSB608 Protein Science  
LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility

#### **Year 4, Semester 1**

LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

#### **Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

#### **Year 5, Semester 1**

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Elective Units \*

#### **Year 5, Semester 2**

LWB433 Professional Responsibility  
Elective Units \*

### **Biotechnology [Plant Strand]**

#### **Year 1, Semester 1**

Introduction to Legal Research #  
LSB118 Life Science

LWB141 Legal Institutions and Method  
 LWB142 Law, Society and Justice  
 PCB101 Physical Science  
 Either  
 PCB140 Introductory Chemistry, or  
 PCB142 Chemistry 1

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1  
 LWB143 Legal Research and Writing  
 LWB144 Laws and Global Perspectives  
 NRB270 Animal and Plant Structure and Function  
 PCB242 Chemistry 2

**Year 2, Semester 1**

LSB308 Biochemistry  
 LSB338 Cell and Molecular Biology 2  
 LSB397 Plant Physiology  
 LWB136 Contracts A

**Year 2, Semester 2**

LSB468 Molecular Biology  
 LSB497 Plant Molecular Biology  
 LWB137 Contracts B  
 MAB101 Statistical Data Analysis 1

**Year 3, Semester 1**

LSB537 Genetic Engineering  
 LSB577 Plant Biotechnology 1  
 LWB138 Fundamentals of Torts  
 LWB238 Fundamentals of Criminal Law

**Year 3, Semester 2**

LSB619 Genomics & Bioinformatics  
 LSB677 Plant Biotechnology 2  
 LWB139 Select Issues in Torts  
 LWB239 Criminal Responsibility

**Year 4, Semester 1**

LWB231 Introduction to Public Law  
 LWB236 Real Property A  
 LWB240 Principles of Equity  
 LWB332 Commercial and Personal Property Law  
 LWB333 Theories of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research and Legal Reasoning  
 Elective Units \*

**Year 5, Semester 2**

LWB433 Professional Responsibility  
 Elective Units \*

**Chemistry****Year 1, Semester 1**

Introduction to Legal Research #  
 LWB141 Legal Institutions and Method  
 LWB142 Law, Society and Justice  
 MAB100 Mathematical Sciences 1A  
 NRB100 Environmental Science  
 PCB101 Physical Science

**Year 1, Semester 2**

LWB143 Legal Research and Writing  
 LWB144 Laws and Global Perspectives  
 PCB150 Physics 1H  
 PCB142 Chemistry 1  
 PCB242 Chemistry 2

**Year 2, Semester 1**

LWB136 Contracts A  
 MAB101 Statistical Data Analysis 1  
 PCB305 Principles of Physical Chemistry  
 PCB354 Structure and Mechanism in Organic Chemistry

**Year 2, Semester 2**

LWB137 Contracts B  
 PCB414 Industrial and Environmental Analytical Chemistry  
 PCB434 Inorganic Chemistry  
 PCB444 Spectroscopy

**Year 3, Semester 1**

LWB138 Fundamentals of Torts

LWB238 Fundamentals of Criminal Law  
 PCB505 Advanced Physical Chemistry  
 PCB554 Synthesis and Reactivity in Organic Chemistry

**Year 3, Semester 2**

LWB139 Select Issues in Torts  
 LWB239 Criminal Responsibility  
 PCB634 Organometallic and Coordination Chemistry  
 PCB644 Frontiers in Chemistry

**Year 4, Semester 1**

LWB231 Introduction to Public Law  
 LWB236 Real Property A  
 LWB240 Principles of Equity  
 LWB332 Commercial and Personal Property Law  
 LWB333 Theories of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research and Legal Reasoning  
 Elective Units \*

**Year 5, Semester 2**

LWB433 Professional Responsibility  
 Elective Units \*

**Ecology****Year 1, Semester 1**

Introduction to Legal Research #  
 LSB118 Life Science  
 LWB141 Legal Institutions and Method  
 LWB142 Law, Society and Justice  
 NRB100 Environmental Science  
 PCB101 Physical Science

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1  
 LWB143 Legal Research and Writing  
 LWB144 Laws and Global Perspectives  
 MAB101 Statistical Data Analysis 1  
 NRB270 Animal and Plant Structure and Function

**Year 2, Semester 1**

LWB136 Contracts A  
 NRB301 Earth Surface Systems  
 NRB311 Population Ecology  
 NRB370 Invertebrate Biology

**Year 2, Semester 2**

LWB137 Contracts B  
 NRB410 Genetics and Evolution  
 NRB412 Experimental Design  
 NRB470 Vertebrate Biology

**Year 3, Semester 1**

LWB138 Fundamentals of Torts  
 LWB238 Fundamentals of Criminal Law  
 NRB510 Population Genetics  
 NRB511 Population Management

**Year 3, Semester 2**

LWB139 Select Issues in Torts  
 LWB239 Criminal Responsibility  
 NRB610 Ecological Applications  
 NRB611 Conservation Biology

**Year 4, Semester 1**

LWB231 Introduction to Public Law  
 LWB236 Real Property A  
 LWB240 Principles of Equity  
 LWB332 Commercial and Personal Property Law  
 LWB333 Theories of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research and Legal Reasoning



## Elective Units \*

**Year 5, Semester 2**

LWB433 Professional Responsibility  
Elective Units \*

**Environmental Science****Year 1, Semester 1**

Introduction to Legal Research #  
LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice  
NRB100 Environmental Science  
NRB230 Planet Earth  
PCB101 Physical Science

**Year 1, Semester 2**

LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives  
LSB118 Life Science  
MAB101 Statistical Data Analysis 1  
NRB240 History of Life on Earth

Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 1**

LWB136 Contracts A  
NRB301 Earth Surface Systems  
NRB311 Population Ecology  
NRB501 Spatial Analysis of Environmental Systems

**Year 2, Semester 2**

LWB137 Contracts B  
NRB412 Experimental Design  
NRB440 Environmental Chemistry  
SCB222 Exploration of the Universe

**Year 3, Semester 1**

LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law  
NRB500 Environmental Modelling  
NRB572 Terrestrial Ecosystems

**Year 3, Semester 2**

LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility  
NRB600 Sustainable Environmental Management  
NRB672 Marine and Freshwater Ecosystems

**Year 4, Semester 1**

LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Elective Units \*

**Year 5, Semester 2**

LWB433 Professional Responsibility  
Elective Units \*

**Forensic Science****Year 1, Semester 1**

LSB118 Life Science  
LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice  
Introduction to Legal Research  
MAB101 Statistical Data Analysis 1  
PCB101 Physical Science

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1  
LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives  
NRB270 Animal and Plant Structure and Function  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 1**

LSB338 Cell and Molecular Biology 2  
LWB136 Contracts A  
PCB242 Chemistry 2  
SCB384 Crime Scene and Forensic Science

**Year 2, Semester 2**

JSB937 Forensic Scientific Evidence  
LSB468 Molecular Biology  
LWB137 Contracts B  
PCB414 Industrial and Environmental Analytical Chemistry

**Year 3, Semester 1**

LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law  
PCB514 Instrumental Analysis  
PCB584 Forensic Examination of Physical Evidence

**Year 3, Semester 2**

LSB684 Forensic DNA Profiling  
LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility  
PCB684 Forensic Analysis and Toxicology

**Year 4, Semester 1**

LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Elective Units

**Year 5, Semester 2**

LWB433 Professional Responsibility  
Elective Units

**Geoscience****Year 1, Semester 1**

Introduction to Legal Research #  
LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice  
NRB100 Environmental Science  
NRB230 Planet Earth  
PCB101 Physical Science

**Year 1, Semester 2**

LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives  
MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1  
Either

PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 1**

LWB136 Contracts A  
NRB301 Earth Surface Systems  
NRB331 Sedimentary Geology  
NRB333 Mineralogy

**Year 2, Semester 2**

LWB137 Contracts B  
NRB434 Structural Geology and Field Methods  
NRB436 Introduction to Igneous and Metamorphic Petrology  
One unit from:  
NRB437 Stratigraphy and Depositional Environments  
NRB440 Environmental Chemistry

**Year 3, Semester 1**

LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law  
Two units from:

NRB533 Advanced Geological Mapping  
NRB534 Geophysics  
NRB536 Petrology and Geochemistry

**Note:** The major component in assessment and teaching of NRB533 is conducted as a field program during July.

### Year 3, Semester 2

LWB139	Select Issues in Torts
LWB239	Criminal Responsibility
	Two units from:
NRB633	Hydrogeology
NRB635	Plate Tectonics and Advanced Structural Geology
NRB636	Stratigraphy and Basin Analysis

### Year 4, Semester 1

LWB231	Introduction to Public Law
LWB236	Real Property A
LWB240	Principles of Equity
LWB332	Commercial and Personal Property Law
LWB333	Theories of Law

### Year 4, Semester 2

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

### Year 5, Semester 1

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research and Legal Reasoning
	Elective Units *

### Year 5, Semester 2

LWB433	Professional Responsibility
	Elective Units *

## Mathematics [WITH Mathematics C from Senior]

### Year 1, Semester 1

	Introduction to Legal Research #
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice
MAB101	Statistical Data Analysis 1
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C

### Year 1, Semester 2

LWB143	Legal Research and Writing
LWB144	Laws and Global Perspectives
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1
	One Science unit - selected from:
LSB118	Life Science
PCB101	Physical Science

### Year 2, Semester 1

LWB136	Contracts A
	One Science unit - selected from:
LSB118	Life Science
NRB100	Environmental Science
PCB101	Physical Science
	Two Level 2 Mathematics units* - available units are:
MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2

\*Students must complete at least one of MAB311, MAB312, MAB413

### Year 2, Semester 2

LWB137	Contracts B
	Three Level 2 Mathematics units* - available units are:
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling
MAB480	Introduction to Scientific Computation

\*Students must complete at least one of MAB311, MAB312, MAB413

### Year 3, Semester 1

LWB138	Fundamentals of Torts
LWB238	Fundamentals of Criminal Law
	Two Level 3 Mathematics units - available units are:
MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB525	Operations Research 3A
MAB526	Statistical Science 3
MAB672	Advanced Mathematical Modelling

### Year 3, Semester 2

LWB139	Select Issues in Torts
LWB239	Criminal Responsibility

Two Level 3 Mathematics units - available units are:

MAB524	Statistical Inference
MAB613	Partial Differential Equations
MAB621	Discrete Mathematics
MAB623	Financial Mathematics
MAB624	Applied Statistics 3
MAB625	Operations Research 3B

### Year 4, Semester 1

LWB231	Introduction to Public Law
LWB236	Real Property A
LWB240	Principles of Equity
LWB332	Commercial and Personal Property Law
LWB333	Theories of Law

### Year 4, Semester 2

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

### Year 5, Semester 1

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research and Legal Reasoning
	Elective Units *

### Year 5, Semester 2

LWB433	Professional Responsibility
	Elective Units *

## Mathematics [WITHOUT Mathematics C from Senior]

### Year 1, Semester 1

	Introduction to Legal Research #
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice
MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1

### Year 1, Semester 2

LWB143	Legal Research and Writing
LWB144	Laws and Global Perspectives
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1

### Year 2, Semester 1

LWB136	Contracts A
MAB220	Computational Mathematics 1
	One Science unit - selected from:
LSB118	Life Science
NRB100	Environmental Science
PCB101	Physical Science
	Three Level 2 Mathematics units* - available units are:
MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2

\*Students must complete at least one of MAB311, MAB312, MAB413.

### Year 2, Semester 2

LWB137	Contracts B
	One Science unit - selected from:
LSB118	Life Science
PCB101	Physical Science
	Two Level 2 Mathematics units* - available units are:
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling
MAB480	Introduction to Scientific Computation

\*Students must complete at least one of MAB311, MAB312, MAB413

### Year 3, Semester 1

LWB138	Fundamentals of Torts
LWB238	Fundamentals of Criminal Law
	Two Level 3 Mathematics units - available units are:
MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB525	Operations Research 3A
MAB526	Statistical Science 3
MAB672	Advanced Mathematical Modelling

### Year 3, Semester 2

LWB139	Select Issues in Torts
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- LWB239 Criminal Responsibility  
Two Level 3 Mathematics units - available units are:  
MAB524 Statistical Inference  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
MAB624 Applied Statistics 3  
MAB625 Operations Research 3B

**Year 4, Semester 1**

- LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

**Year 4, Semester 2**

- LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

**Year 5, Semester 1**

- LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Elective Units \*

**Year 5, Semester 2**

- LWB433 Professional Responsibility  
Elective Units \*

**Microbiology****Year 1, Semester 1**

- Introduction to Legal Research #  
LSB118 Life Science  
LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice  
MAB101 Statistical Data Analysis 1  
PCB101 Physical Science

**Year 1, Semester 2**

- LSB238 Cell and Molecular Biology 1  
LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives  
NRB270 Animal and Plant Structure and Function  
Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 1**

- LSB308 Biochemistry  
LSB328 Microbiology 1  
LWB136 Contracts A  
PCB242 Chemistry 2

**Year 2, Semester 2**

- LSB258 Principles of Human Physiology  
LSB428 Microbiology 2  
LWB137 Contracts B  
One unit from:  
LSB408 Metabolism  
LSB468 Molecular Biology

**Year 3, Semester 1**

- LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law  
Two Level 3 units from the following:  
LSB528 Environmental Microbiology  
LSB547 Bacterial Pathogenesis and Disease Diagnosis  
LSB568 Electron Microscopy  
LSB578 Virology

**Year 3, Semester 2**

- LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility  
Two Level 3 units from the following:  
LSB628 Food Microbiology  
LSB647 Clinical Mycology and Parasitology  
LSB648 Molecular Microbiology

**Year 4, Semester 1**

- LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

**Year 4, Semester 2**

- LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

**Year 5, Semester 1**

- LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Elective Units \*

**Year 5, Semester 2**

- LWB433 Professional Responsibility  
Elective Units \*

**Physics****Year 1, Semester 1**

- Introduction to Legal Research #  
LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice  
PCB101 Physical Science  
PCB107 Physics and Quantitative Techniques  
Either  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A

**Year 1, Semester 2**

- LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives  
MAB132 Engineering Mathematics 1B  
PCB250 Physics 1  
PCB260 Physics 1A

**Year 2, Semester 1**

- LWB136 Contracts A  
MAB134 Electrical Engineering Mathematics 3  
PCB361 AC Theory and Electronics  
PCB362 Physics 2

**Year 2, Semester 2**

- LWB137 Contracts B  
PCB460 Instrumentation and Computational Methods  
PCB462 Thermodynamics and Solid State Physics  
SCB222 Exploration of the Universe

**Year 3, Semester 1**

- LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law  
PCB561 Quantum and Condensed Matter Physics  
PCB562 Physical Methods of Analysis

**Year 3, Semester 2**

- LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility  
PCB661 Experimental Physics  
PCB665 Physics 3

**Year 4, Semester 1**

- LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

**Year 4, Semester 2**

- LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

**Year 5, Semester 1**

- LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Elective Units \*

**Year 5, Semester 2**

- LWB433 Professional Responsibility  
Elective Units \*

**Footnotes for Law Units**

# Introduction to Legal Research is a two (2) hour lecture conducted in the first week only of Semester 1, 2004. It is designed to introduce students to the basics of legal research and provide an orientation to use of the Law Library. Students will be expected to undertake a library exercise in LWB141 Legal Institutions and Method using the skills and information outlined in this lecture.

\* Law Elective Units - In order to satisfy the requirements for the Bachelor of Laws component of the double degree, a student is required to complete a total of 48 credit points of elective units.

## ■ Bachelor of Arts/Bachelor of Applied Science (IF86)

**Award title:** Bachelor of Arts/Bachelor of Applied Science (Study Area A)

**CRICOS code:** 031581F

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 4 Years

**Total credit points:** 384 (192 cp in the Bachelor of Arts and 192 cp in the Bachelor of Applied Science)

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr John Synott (Humanities); Dr Megan Hargreaves (Science)

### Course Design

A feature of the course design is the flexibility and choice it offers. Students can tailor the double degree to their career interests by combining any one of the majors that are available in the Bachelor of Applied Science (SC01) degree with a specialisation chosen from a wide range of offerings in the humanities.

The majors available in the science degree are Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Forensic Science, Geoscience, Mathematics, Microbiology or Physics. See the Bachelor of Applied Science (SC01) course information for more details. So that students can complete the double degree in a shorter period of time, co-majors are to be taken from the arts program. The program is integrated so that students will study both science and humanities units in each semester.

### Professional Recognition

As this double degree meets requirements for the award of the component degrees, the award is recognised by professional bodies in both Arts and Science. Relevant professional bodies for the Bachelor of Applied Science (SC01) are listed under the separate entry for the course. Eligibility for membership depends on the majors undertaken.

### BA Course Requirements - Commencing Students

Students are required to complete:

- One Interdisciplinary Professional Major (1 core unit + 6 units in the major)

It is suggested that students complete the Core Units Program consisting of the following:

- Two core units in first semester (from a selection of core introductory and core skills units)

(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major)

- Year Two: research methods unit. Students are advised to take at least two of these units.

In making these decisions, students should consider the structure of the Discipline Studies Sequences and/or Minors they may be planning to undertake.

Students must maintain a minimum of 50% enrolment in units from the BA program until they have completed eight of these units (96 credit points).

Students may wish to

- develop a Minor (48 credit points) in one of the interdisciplinary professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units.

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full Language sequence (6 units) will need to discuss their program with the relevant Course Coordinator in order to ensure that they begin their Language studies in first semester and that their language units can be continued into their third year.

NB: Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

### Course requirements - Continuing Students

Course Requirements for Bachelor of Arts

YEARS 1 and 2

Students are required to complete 8 units including:

- HHB116 Applied Skills and Scholarship
- Two Foundation Units (if students have not already completed two Faculty Foundation Units as part of the BA component of the student course)
- Two to three Course Foundation Units
- Two to three Elective Units

NB A minimum of 4 of these 8 units must be chosen from units in the BA component of the double degree i.e. HHB coded units).

YEARS 3 and 4

Students are required to do a further 8 units to complete:

- One Major Study Sequence from those offered in the BA component, and
- One Minor Study Sequence chosen from those offered in the BA component (i.e. HHB coded units) or from other Minor Study Sequences offered elsewhere within QUT.

**Note:** A minimum of 12 of the 16 units must be chosen from units in the BA.

### Interdisciplinary Professional Majors

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Discipline Sequences

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Minor Study Sequences

For details, refer to the Co-Majors list in the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as these co-majors are able to be taken as Minors.

### Bachelor of Applied Science Course Requirements

Students are required to complete:

- At least six Faculty of Science Core Units, including at least three Foundation units in schedule 1 of the Bachelor of Applied Science course SC01.
- A major (Biochemistry, Biotechnology, Chemistry, Ecology, Environmental Science, Forensic Science, Geoscience, Mathematics, Microbiology, Physics).

Students are required to attend an academic advising session to discuss and enrol in their Bachelor of Applied Science program of study.

### Example of Full-time Course Structure for Commencing Students

#### Year 1, Semester 1

- Core Arts unit (major)
- Core Arts unit (major)
- Two Science units (SC01 Level 1): Foundation units

#### Year 1, Semester 2

- Arts Major unit
- Arts Major unit
- Two Science units (SC01 Level 1): at least one Foundation unit

#### Year 2, Semester 1

- Core Arts unit (major or skills)
- Core Arts unit (major or skills)

Two Science units (SC01 Levels 1 and 2: Level 2 from Major)

**Year 2, Semester 2**

Arts Major unit

Arts Minor unit

Two Science Units (SC01 Levels 1 and 2: Level 2 from Major)

**Year 3, Semester 1**

Arts Major unit

Core Arts unit (research methods)

Two Science Major units (SC01 Level 2)

**Year 3, Semester 2**

Arts Minor unit

Core Arts unit (research methods)

Two Science Major units (SC01 Level 3)

**Year 4, Semester 1**

Arts Major unit

Arts Minor unit

Two Science Major units (SC01 Level 3)

**Year 4, Semester 2**

Arts Major unit

Arts Minor unit

Two Science Major units (SC01 Level 3)

**CORE PROGRAM - BA Students**

*This core program for the degree consists of the following selection of units:*

**First Year Core: Core Units for Professional Majors**

INTERNATIONAL AND GLOBAL STUDIES

HHB110 Introduction To International And Global Studies

HHB107 World Regions

SOCIETY AND CHANGE

HHB105 Exploring Change

HHB104 Understanding Society: Introduction to Sociology

ETHICS AND HUMAN RIGHTS

HHB114 Introduction To Human Rights And Ethics

HHB115 Human Identity And Change

COMMUNITY STUDIES

HHB106 Australian Society And Culture

HHB103 Contemporary Social And Community Issues

**First Year Core: Skills Units**

HHB116 Applied Skills And Scholarship

HHB117 Introduction To Social Research Methods

**Second Year Core: Research Methods**

HHB224 Qualitative Research Methods

HHB232 Survey Methods

HHB121 Interpreting The Past

HHB312 Geographical Research Design

**Biochemistry****Year 1, Semester 1**

LSB118 Life Science

PCB101 Physical Science

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1

Either

PCB140 Introductory Chemistry, or

PCB142 Chemistry 1

**Year 2, Semester 1**

MAB101 Statistical Data Analysis 1

PCB242 Chemistry 2

**Year 2, Semester 2**

LSB258 Principles of Human Physiology

NRB270 Animal and Plant Structure and Function

**Year 3, Semester 1**

LSB308 Biochemistry

LSB338 Cell and Molecular Biology 2

**Year 3, Semester 2**

LSB408 Metabolism

LSB468 Molecular Biology

**Year 4, Semester 1**

LSB508 Advanced Metabolism

LSB527 Biomedical Research Technologies

**Year 4, Semester 2**

LSB607 Protein Purification

LSB608 Protein Science

**Biotechnology****Year 1, Semester 1**

LSB118 Life Science

PCB101 Physical Science

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1

Either

PCB140 Introductory Chemistry, or

PCB142 Chemistry 1

**Year 2, Semester 1**

MAB101 Statistical Data Analysis 1

PCB242 Chemistry 2

**Year 2, Semester 2**

LSB258 Principles of Human Physiology

NRB270 Animal and Plant Structure and Function

**Year 3, Semester 1**

LSB308 Biochemistry

LSB338 Cell and Molecular Biology 2

**Year 3, Semester 2**

LSB468 Molecular Biology

Either

LSB408 Metabolism, or

LSB497 Plant Molecular Biology, or

LSB449 Human Cell Biology

**Year 4, Semester 1**

LSB509 Medical Biotechnology

LSB537 Genetic Engineering

**Year 4, Semester 2**

LSB609 Medical Biotechnology 2

LSB619 Genomics & Bioinformatics

**Chemistry****Year 1, Semester 1**

MAB100 Mathematical Sciences 1A

PCB101 Physical Science

**Year 1, Semester 2**

PCB142 Chemistry 1

PCB260 Physics 1A

**Year 2, Semester 1**

NRB100 Environmental Science

PCB242 Chemistry 2

**Year 2, Semester 2**

MAB101 Statistical Data Analysis 1

PCB150 Physics 1H

**Year 3, Semester 1**

PCB305 Principles of Physical Chemistry

PCB354 Structure and Mechanism in Organic Chemistry

**Year 3, Semester 2**

PCB434 Inorganic Chemistry

PCB444 Spectroscopy

**Year 4, Semester 1**

PCB505 Advanced Physical Chemistry

PCB554 Synthesis and Reactivity in Organic Chemistry

**Year 4, Semester 2**

PCB634 Organometallic and Coordination Chemistry

PCB644 Frontiers in Chemistry

**Ecology****Year 1, Semester 1**

LSB118 Life Science

NRB100 Environmental Science

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1

NRB270 Animal and Plant Structure and Function

**Year 2, Semester 1**

NRB370 Invertebrate Biology

PCB101 Physical Science

**Year 2, Semester 2**

MAB101 Statistical Data Analysis 1

NRB470 Vertebrate Biology

**Year 3, Semester 1**

NRB301 Earth Surface Systems

NRB311 Population Ecology

**Year 3, Semester 2**

NRB410 Genetics and Evolution

NRB412 Experimental Design

**Year 4, Semester 1**

NRB510 Population Genetics

NRB511 Population Management

**Year 4, Semester 2**

NRB610 Ecological Applications  
NRB611 Conservation Biology

**Environmental Science****Year 1, Semester 1**

NRB100 Environmental Science  
PCB101 Physical Science

**Year 1, Semester 2**

LSB118 Life Science  
NRB240 History of Life on Earth

**Year 2, Semester 1**

MAB101 Statistical Data Analysis 1  
NRB230 Planet Earth

**Year 2, Semester 2**

NRB270 Animal and Plant Structure and Function  
Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 3, Semester 1**

NRB301 Earth Surface Systems  
NRB311 Population Ecology

**Year 3, Semester 2**

NRB412 Experimental Design  
NRB440 Environmental Chemistry

**Year 4, Semester 1**

NRB500 Environmental Modelling  
NRB572 Terrestrial Ecosystems

**Year 4, Semester 2**

NRB600 Sustainable Environmental Management  
NRB672 Marine and Freshwater Ecosystems

**Forensic Science****Year 1, Semester 1**

LSB118 Life Science  
PCB101 Physical Science

**Year 1, Semester 2**

MAB101 Statistical Data Analysis 1  
Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 1**

MAB100 Mathematical Sciences 1A  
PCB242 Chemistry 2

**Year 2, Semester 2**

LSB238 Cell and Molecular Biology 1  
NRB270 Animal and Plant Structure and Function

**Year 3, Semester 1**

LSB468 Molecular Biology  
SCB384 Crime Scene and Forensic Science

**Year 3, Semester 2**

JSB937 Forensic Scientific Evidence  
PCB414 Industrial and Environmental Analytical Chemistry

**Year 4, Semester 1**

PCB514 Instrumental Analysis  
PCB584 Forensic Examination of Physical Evidence

**Year 4, Semester 2**

LSB684 Forensic DNA Profiling  
PCB684 Forensic Analysis and Toxicology

**Geoscience****Year 1, Semester 1**

MAB100 Mathematical Sciences 1A  
NRB230 Planet Earth

**Year 1, Semester 2**

MAB101 Statistical Data Analysis 1  
PCB101 Physical Science

**Year 2, Semester 1**

NRB100 Environmental Science  
Either  
PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 2**

NRB240 History of Life on Earth  
NRB440 Environmental Chemistry

**Year 3, Semester 1**

NRB331 Sedimentary Geology  
NRB333 Mineralogy

**Year 3, Semester 2**

NRB434 Structural Geology and Field Methods  
NRB436 Introduction to Igneous and Metamorphic Petrology

**Year 4, Semester 1**

NRB534 Geophysics  
NRB536 Petrology and Geochemistry

**Year 4, Semester 2**

NRB601 Field Assessment and Monitoring of Natural Resources  
One unit from:  
NRB633 Hydrogeology  
NRB635 Plate Tectonics and Advanced Structural Geology  
NRB636 Stratigraphy and Basin Analysis

**Mathematics (WITH Mathematics C from Senior)****Year 1, Semester 1**

MAB101 Statistical Data Analysis 1  
MAB111 Mathematical Sciences 1B

**Year 1, Semester 2**

MAB112 Mathematical Sciences 1C  
MAB210 Statistical Modelling 1

**Year 2, Semester 1**

MAB220 Computational Mathematics 1  
One Science unit - selected from:

LSB118 Life Science  
NRB100 Environmental Science  
PCB101 Physical Science

**Year 2, Semester 2**

Science elective unit  
One Science unit - selected from:

LSB118 Life Science  
PCB101 Physical Science

**Year 3, Semester 1**

Two Level 2 Mathematics units\* - available units are:

MAB311 Advanced Calculus  
MAB312 Linear Algebra  
MAB313 Mathematics of Finance  
MAB314 Statistical Modelling 2

\*Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 2**

Two Level 2 Mathematics units\* - available units are:

MAB315 Operations Research 2  
MAB413 Differential Equations  
MAB414 Applied Statistics 2  
MAB420 Computational Mathematics 2  
MAB422 Mathematical Modelling  
MAB480 Introduction to Scientific Computation

\*Students must complete at least one of MAB311, MAB312, MAB413

**Year 4, Semester 1**

Two Level 3 Mathematics units - available units are:

MAB521 Applied Mathematics 3  
MAB522 Computational Mathematics 3  
MAB523 Introduction to Quality Management  
MAB525 Operations Research 3A  
MAB526 Statistical Science 3  
MAB672 Advanced Mathematical Modelling

**Year 4, Semester 2**

Two Level 3 Mathematics units - available units are:

MAB524 Statistical Inference  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
MAB624 Applied Statistics 3  
MAB625 Operations Research 3B

**Mathematics (WITHOUT Mathematics C from Senior)****Year 1, Semester 1**

MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1

**Year 1, Semester 2**

MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C

**Year 2, Semester 1**

MAB220 Computational Mathematics 1  
One Science unit - selected from:

LSB118 Life Science  
NRB100 Environmental Science  
PCB101 Physical Science

**Year 2, Semester 2**

MAB210 Statistical Modelling 1  
One Science unit - selected from:

LSB118 Life Science  
PCB101 Physical Science

**Year 3, Semester 1**

Two Level 2 Mathematics units\* - available units are:

MAB311 Advanced Calculus  
MAB312 Linear Algebra  
MAB313 Mathematics of Finance  
MAB314 Statistical Modelling 2  
\*Students must complete at least one of MAB311, MAB312, MAB413

**Year 3, Semester 2**

Two Level 2 Mathematics units\* - available units are:

MAB315 Operations Research 2  
MAB413 Differential Equations  
MAB414 Applied Statistics 2  
MAB420 Computational Mathematics 2  
MAB422 Mathematical Modelling  
MAB480 Introduction to Scientific Computation  
\*Students must complete at least one of MAB311, MAB312, MAB413

**Year 4, Semester 1**

Two Level 3 Mathematics units - available units are:

MAB521 Applied Mathematics 3  
MAB522 Computational Mathematics 3  
MAB523 Introduction to Quality Management  
MAB525 Operations Research 3A  
MAB526 Statistical Science 3  
MAB672 Advanced Mathematical Modelling

**Year 4, Semester 2**

Two Level 3 Mathematics units - available units are:

MAB524 Statistical Inference  
MAB613 Partial Differential Equations  
MAB621 Discrete Mathematics  
MAB623 Financial Mathematics  
MAB624 Applied Statistics 3  
MAB625 Operations Research 3B

**Microbiology****Year 1, Semester 1**

LSB118 Life Science  
PCB101 Physical Science, or  
NRB100 Environmental Science

**Year 1, Semester 2**

LSB238 Cell and Molecular Biology 1  
Either

PCB140 Introductory Chemistry, or  
PCB142 Chemistry 1

**Year 2, Semester 1**

MAB101 Statistical Data Analysis 1  
PCB242 Chemistry 2

**Year 2, Semester 2**

LSB258 Principles of Human Physiology  
NRB270 Animal and Plant Structure and Function

**Year 3, Semester 1**

LSB308 Biochemistry  
LSB328 Microbiology 1

**Year 3, Semester 2**

LSB408 Metabolism  
LSB428 Microbiology 2

**Year 4, Semester 1**

Two Level 3 units from the following:

LSB528 Environmental Microbiology  
LSB547 Bacterial Pathogenesis and Disease Diagnosis  
LSB568 Electron Microscopy

**Year 4, Semester 2**

LSB628 Food Microbiology  
LSB647 Clinical Mycology and Parasitology

**Physics****Year 1, Semester 1**

PCB101 Physical Science  
Either  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A

**Year 1, Semester 2**

MAB132 Engineering Mathematics 1B  
PCB250 Physics 1

**Year 2, Semester 1**

MAB134 Electrical Engineering Mathematics 3  
PCB107 Physics and Quantitative Techniques

**Year 2, Semester 2**

PCB260 Physics 1A  
SCB222 Exploration of the Universe

**Year 3, Semester 1**

PCB361 AC Theory and Electronics  
PCB362 Physics 2

**Year 3, Semester 2**

PCB460 Instrumentation and Computational Methods  
PCB462 Thermodynamics and Solid State Physics

**Year 4, Semester 1**

PCB561 Quantum and Condensed Matter Physics  
PCB562 Physical Methods of Analysis

**Year 4, Semester 2**

PCB661 Experimental Physics  
PCB665 Physics 3

## ■ Bachelor of Arts/Bachelor of Behavioural Science (Psychology) (IF12)

**Award title:** Bachelor of Arts/Bachelor of Behavioural Science (Psychology)

**Location:** Carseldine

**Course duration (full-time):** 4 years

**Standard credit points per semester (full-time):** 48

**Course Structure - Overview****Year 1, Semester 1**

PYB101 Introduction to Psychology 1A  
PYB007 Interpersonal Processes and Skills  
BA Core Unit - Major  
BA Core Unit (Major or Skills)

**Year 1, Semester 2**

PYB102 Introduction to Psychology 1B  
PYB110 Psychological Research Methods  
BA Core Unit (Major or Skills)  
BA Major Unit

**Year 2, Semester 1**

PYB210 Research Design and Data Analysis  
PYB205 Social Psychology  
BA Major Unit (Major)  
BA Major Unit (Major)

**Year 2, Semester 2**

PYB203 Developmental Psychology  
PYB208 Counselling Theory and Practice 1  
BA Major Unit  
BA Minor Unit or Elective

**Year 3, Semester 1**

PYB206 Personality  
PYB303 Cognitive Psychology  
BA Major Unit  
BA Core Unit (research methods)

**Year 3, Semester 2**

PYB201 Perception  
PYB306 Psychopathology  
BA Core Unit (research methods)  
BA Minor unit or elective

**Year 4, Semester 1**

PYB304 Physiological Psychology  
PYB302 Industrial and Organisational Psychology  
BA Major Unit  
BA Minor Unit or Elective

**Year 4, Semester 2**

PYB311 Psychological Assessment  
Psychology Elective\*  
BA Major Unit  
BA Minor Unit or elective

**Notes:** \* PYB350 is compulsory if you wish to continue into the Bachelor of Psychology (Honours) program, otherwise another elective can be taken.

## BA Core Units (For Majors and Research Methods) and Skills Units

**BA CORE UNITS FOR MAJORS**

HHB103 Contemporary Social And Community Issues  
HHB104 Understanding Society: Intro To Sociology  
HHB105 Exploring Change  
HHB106 Australian Society And Culture  
HHB110 Introduction To International And Global Studies

HHB111 Issues In International And Global Studies  
 HHB114 Introduction To Human Rights And Ethics  
 HHB115 Human Identity And Change

**BA SKILLS UNITS**

HHB116 Applied Skills And Scholarship  
 HHB117 Introduction To Social Research Methods

**BA CORE UNIT (RESEARCH METHODS)**

HHB121 Interpreting The Past  
 HHB224 Qualitative Research Methods  
 HHB232 Survey Methods  
 HHB312 Geographical Research Design

**MAJORS IN THE BACHELOR OF ARTS****International and Global Studies****INTRODUCTORY UNITS**

HHB110 Introduction To International And Global Studies  
 HHB107 World Regions

**STRAND A - GLOBAL PERSPECTIVES**

HHB111 Issues In International And Global Studies  
 HHB122 Colonialism And Independence In Asia Pacific  
 HHB226 Consuming Cultures  
 HHB223 Islam and Islamic Societies  
 HHB241 Gender and Globalisation  
 HHB248 The USA and The Asia Pacific Region  
 HHB263 Politics Of Globalisation  
 HHB269 Ethics, Technology And The Environment  
 HHB310 Globalisation And Social Theory  
 HHB311 Colonial Fantasies And Postcolonial Identities  
 HHB315 Sex And Drugs In South-East Asia  
 HHB331 Advanced Seminar

**STRAND B - INTERNATIONAL STUDIES**

HHB229 Windows On Japan  
 HHB238 Asian Cultures And Societies  
 HHB239 Korean Culture And Societies  
 HHB243 The Pacific Since 1945  
 HHB244 Southeast Asia In Focus  
 HHB245 Australia And The South Pacific  
 HHB246 Modern China  
 HHB256 Europe Since 1945  
 HHB260 Nations And Nationalism In Modern Europe

**Society and Change**

HHB104 Understanding Society: Intro To Sociology  
 HHB105 Exploring Change  
**STRAND A - THE INDIVIDUAL AND SOCIETY**  
 HHB102 The Human Condition  
 HHB113 Interpersonal Communication  
 HHB215 Crisis And Conflict Resolution  
 HHB225 Political Sociology  
 HHB230 Political Behaviour  
 HHB233 Sex, Gender And Society  
 HHB234 Sociological Theory  
 HHB236 Virgins, Saints And Sinners: Sociology Of Religion  
 HHB240 Sociology Of Crime And Deviance  
 HHB268 Vulnerable Identities  
 HHB335 Bodies, Cyborgs and Cyberspace  
**STRAND B - ENVIRONMENT, SOCIETY AND CHANGE**

HHB127 Environment And Society  
 HHB210 Indigenous Australia: Country, Kin And Culture  
 HHB226 Consuming Cultures  
 HHB228 Environmental Hazards  
 HHB231 Health, Society And Environment  
 HHB251 Australian Resource Management  
**STRAND C - SOCIETIES IN TRANSITION**  
 HHB242 Pacific Culture Contact  
 HHB249 Social Movements In Australia  
 HHB253 Conspiracy And Dissent In Australian History  
 HHB257 The Classical World  
 HHB258 Foundations of Modern Europe  
 HHB259 War And Revolution In Europe 1914-1945  
 HHB261 Medieval Europe  
 HHB262 Political Ideologies  
 HHB315 Sex And Drugs In South-East Asia  
**CHANGE MANAGEMENT AND PROJECT UNITS**

HHB212 Community Work  
 HHB213 Social Policy Processes  
 HHB214 Team Practice and Group Processes  
 HHB329 Advanced Project

**Ethics and Human Rights****INTRODUCTORY UNITS**

HHB114 Introduction To Human Rights And Ethics  
 HHB115 Human Identity And Change

**STRAND A - ETHICAL UNDERSTANDING AND THEORY**

HHB265 The Just Society  
 HHB267 Feminism And Ethics  
 HHB271 Ethical Theory

**STRAND B - HUMAN RIGHTS**

HHB274 Human Rights: International And Regional Activism  
 HHB275 Human Rights: Australian Activism

**STRAND C - IDENTITY STUDIES**

HHB268 Vulnerable Identities  
 HHB272 Composing Identities: The Artistry Of Living

**STRAND D - ETHICS AND TECHNOLOGY**

HHB260 Nations And Nationalism In Modern Europe  
 HHB270 Gene Technology And Ethics  
 HHB273 Reshaping Life And Death

**STRAND E - ETHICAL PRACTICE**

HHB264 Public And Professional Ethics  
 HHB266 Ethical Decision Making  
 HHB328 Researching Applied Ethics

**Community Studies****INTRODUCTORY UNITS**

HHB106 Australian Society And Culture  
 HHB103 Contemporary Social And Community Issues

**STRAND A - COMMUNITY PRACTICE**

HHB100 Introduction To Human Services  
 HHB113 Interpersonal Communication  
 HHB203 Aged Services: Introduction  
 HHB204 Child And Family Services: Introduction  
 HHB205 Corrective Services: Introduction  
 HHB206 Disability Services: Introduction  
 HHB207 Services To Young People: Introduction  
 HHB212 Community Work  
 HHB214 Team Practice and Group Processes  
 HHB215 Crisis And Conflict Resolution  
 HHB216 The Human Dimensions Of Space

**STRAND B - AUSTRALIAN STUDIES**

HHB109 Australian Historical Studies  
 HHB112 Australian Politics  
 HHB123 Indigenous Australian Culture Studies  
 HHB210 Indigenous Australia: Country, Kin And Culture  
 HHB237 Brisbane in the Twentieth Century  
 HHB245 Australia And The South Pacific  
 HHB249 Social Movements In Australia  
 HHB250 Australian Geographical Studies  
 HHB251 Australian Resource Management  
 HHB253 Conspiracy And Dissent In Australian History  
 HHB255 Indigenous Politics And Political Culture  
 HHB275 Human Rights: Australian Activism

**DISCIPLINE MAJORS****Geography and Environmental Studies****INTRODUCTORY UNITS**

HHB107 World Regions  
 HHB127 Environment And Society

**ELECTIVE UNITS****ENVIRONMENT AND RESOURCES**

HHB228 Environmental Hazards  
 HHB251 Australian Resource Management  
 HHB269 Ethics, Technology And The Environment  
**REGIONAL STUDIES**

HHB229 Windows On Japan  
 HHB244 Southeast Asia In Focus  
 HHB250 Australian Geographical Studies  
**OTHER GEOGRAPHY ELECTIVES**

HHB312 Geographical Research Design  
 HHB232 Survey Methods  
 NRB100 Environmental Science  
 NRB501 Spatial Analysis of Environmental Systems  
 PSB443 Population and Urban Studies  
 PSB631 Geographic Information Systems 1  
 PSB655 Remote Sensing



**History****INTRODUCTORY UNITS**

HHB109 Australian Historical Studies  
HHB121

**ELECTIVE UNITS****MODERN HISTORIES**

HHB122 Colonialism And Independence In Asia Pacific  
HHB237 Brisbane in the Twentieth Century  
HHB238 Asian Cultures And Societies  
HHB239 Korean Culture And Societies  
HHB242 Pacific Culture Contact  
HHB243 The Pacific Since 1945  
HHB245 Australia And The South Pacific  
HHB246 Modern China  
HHB248 The USA and The Asia Pacific Region  
HHB253 Conspiracy And Dissent In Australian History  
HHB256 Europe Since 1945  
HHB259 War And Revolution In Europe 1914-1945  
HHB260 Nations And Nationalism In Modern Europe  
HHB311 Colonial Fantasies And Postcolonial Identities  
HHB315 Sex And Drugs In South-East Asia

**PRE-MODERN HISTORIES**

HHB257 The Classical World  
HHB258 Foundations of Modern Europe  
HHB261 Medieval Europe

**Languages****FRENCH****SIX SEQUENCED UNITS FROM THE FOLLOWING:**

HHB061 French 1  
HHB062 French 2  
HHB063 French 3  
HHB064 French 4  
HHB065 French 5  
HHB066 French 6  
HHB067 French 7  
HHB068 French 8  
HHB069 French 9  
HHB070 French 10  
HHB060 French For The Tourism Industry

**GERMAN****SIX SEQUENCED UNITS FROM THE FOLLOWING:**

HHB091 German 1  
HHB092 German 2  
HHB093 German 3  
HHB094 German 4  
HHB095 German 5  
HHB096 German 6  
HHB097 German 7  
HHB098 German 8

**INDONESIAN****SIX SEQUENCED UNITS FROM THE FOLLOWING:**

HHB071 Indonesian 1  
HHB072 Indonesian 2  
HHB073 Indonesian 3  
HHB074 Indonesian 4  
HHB075 Indonesian 5  
HHB076 Indonesian 6  
HHB077 Indonesian 7  
HHB078 Indonesian 8

**JAPANESE****SIX SEQUENCED UNITS FROM THE FOLLOWING:**

HHB081 Japanese 1  
HHB082 Japanese 2  
HHB083 Japanese 3  
HHB084 Japanese 4  
HHB085 Japanese 5  
HHB086 Japanese 6  
HHB087 Japanese 7  
HHB088 Japanese 8

**MANDARIN**

HHB050 Mandarin For Chinese  
HHB051 Introductory Mandarin 1  
HHB052 Introductory Mandarin 2  
HHB053 Intermediate Mandarin  
HHB054 Advanced Mandarin

**OVERSEAS UNITS - ALL LANGUAGES**

HHB056 International Intensive Program  
HHB057 International Summer School Or Equivalent

HHB058 In-Country Study - A

HHB059 In-Country Study - B

**Social Science****SOCIOLOGY****INTRODUCTORY UNIT**

HHB104 Understanding Society: Intro To Sociology

**ELECTIVE UNITS**

HHB216 The Human Dimensions Of Space  
HHB223 Islam and Islamic Societies  
HHB224 Qualitative Research Methods  
HHB225 Political Sociology  
HHB226 Consuming Cultures  
HHB231 Health, Society And Environment  
HHB232 Survey Methods  
HHB233 Sex, Gender And Society  
HHB234 Sociological Theory  
HHB236 Virgins, Saints And Sinners: Sociology Of Religion  
HHB240 Sociology Of Crime And Deviance  
HHB310 Globalisation And Social Theory  
HHB335 Bodies, Cyborgs and Cyberspace

**POLITICAL STUDIES****INTRODUCTORY UNIT**

HHB112 Australian Politics

**ELECTIVE UNITS**

HHB213 Social Policy Processes  
HHB224 Qualitative Research Methods  
HHB225 Political Sociology  
HHB230 Political Behaviour  
HHB232 Survey Methods  
HHB249 Social Movements In Australia  
HHB255 Indigenous Politics And Political Culture  
HHB262 Political Ideologies  
HHB263 Politics Of Globalisation  
HHB265 The Just Society

## ■ Bachelor of Arts/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing) (IF30)

**Award title:** Bachelor of Arts/Bachelor of Business (Study Area A)

**CRICOS code:** 027275F

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 4.5 years (9 semesters) full-time

**Total credit points:** 432 (192 cp in Arts and 240 cp in Business)

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr John Synott (Humanities and Human Services); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Dr Yunus Ali (Marketing); Dr Adam Clements (Banking & Finance) and Dr Radhika Lahiri (Economics)

**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Arts/Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management, or Public Relations).

**Professional Recognition**

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership as follows:

- All majors: Chartered Secretaries Australia (CSA) - enrolment in the Graduate Diploma in Applied Corporate Governance.
- Accountancy: CPA Australia (associate membership & enrolment in the CPA Program), Institute of Chartered Accountants in Australia (ICAA)(enrolment in the CA Program).
- Banking and Finance: Australasian Institute of Banking and Finance (AIBF).
- Economics: Economic Society of Australia (Queensland Division).

- Marketing: Australian Marketing Institute, Market Research Society of Australia, Australian Institute of Management, Australian Institute of Export (Qld) Ltd, American Marketing Association.

### Course Design

Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Arts program and 240 credit points from the Bachelor of Business program.

### BA Course Requirements - Commencing Students

BA Course Requirements (Years 1-4)

Students are required to complete:

- One Interdisciplinary Professional Major (1 core unit + 6 units in the major)

It is suggested that they complete the Core Units Program consisting of the following:

- Two core units in first semester (from a selection of core introductory and core skills units)

(**Note:** one of the core introductory units will sit within the chosen Interdisciplinary Professional Major.

- Year 2: research methods unit. Students are advised to take at least two of these units.

Students must maintain a minimum of 50% enrolment in units from the BA program until they have completed eight of these units (96 credit points).

Students may wish to:

- develop a Minor (48 credit points) in one of the interdisciplinary professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units.

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full Language sequence (6 units) will need to discuss their program with the relevant Course Coordinator in order to ensure that they begin their Language studies in first semester and that their language units can be continued into their third year.

NB: Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

### Interdisciplinary Professional Majors

For details, refer to the Bachelor of Arts (HH01).

### Discipline Sequences

For details, refer to the Bachelor of Arts (HH01).

### Minor Sequences

For details, refer to the Co-Majors entry in the Bachelor of Arts (HH01) entry as any of these are available to be taken as Minors.

### Example of Full-time Course Structure

#### Year 1, Semester 1

Core Unit (Major)  
HHB116 Applied Skills And Scholarship  
Business Unit  
Business Unit

#### Year 1, Semester 2

Major unit  
Major Unit  
Business Unit  
Business Unit

#### Year 2, Semester 1

Core unit (major or skills)  
Core unit (major or skills)  
Business Unit  
Business Unit

#### Year 2, Semester 2

Major unit  
Minor unit  
Business Unit

Business Unit

#### Year 3, Semester 1

Major unit  
Core unit (research methods)  
Business Unit  
Business Unit

#### Year 3, Semester 2

Minor Unit  
Core unit (research methods)  
Business Unit  
Business Unit

#### Year 4, Semester 1

Major unit  
Minor unit  
Business Unit  
Business Unit

#### Year 4, Semester 2

Major unit  
Minor unit  
Business Unit  
Business Unit

#### Year 5, Semester 1

Business Unit  
Business Unit  
Business Unit  
Business Unit

### Key Terms - BA

For details of key terms used in the BA, refer to the Bachelor of Arts (Humanities) HU22 course entry in the Humanities and Human Services section.

### Arts Major/Minor Sequences

For details of foundation units, and major and minor sequences (Lists A, B and C), refer to the Bachelor of Arts Humanities(HH01) course entry in the Humanities and Human Services section.

### Course Structure

#### Accountancy (For students not seeking professional recognition)

##### Year 1, Semester 1

BSB110 Accounting  
BSB113 Economics

##### Year 1, Semester 2

AYB121 Financial Accounting  
BSB122 Quantitative Analysis and Finance

##### Year 2, Semester 1

BSB111 Business Law and Ethics  
BSB115 Management, People and Organisations

##### Year 2, Semester 2

BSB119 International and Electronic Business  
BSB126 Marketing

##### Year 3, Semester 1

EFB101 Data Analysis for Business  
Double Major / Specialisation Unit

##### Year 3, Semester 2

AYB221 Computerised Accounting Systems  
Double Major / Specialisation Unit

##### Year 4, Semester 1

AYB220 Company Accounting  
Double Major / Specialisation Unit

##### Year 4, Semester 2

AYB225 Management Accounting  
Double Major / Specialisation Unit

##### Year 5, Semester 1

AYB301 Auditing  
BSB114 Government, Business and Society  
Double Major / Specialisation Unit  
Double Major / Specialisation Unit

#### Accountancy (For students seeking professional recognition)

##### Year 1, Semester 1

BSB110 Accounting  
BSB113 Economics

##### Year 1, Semester 2

AYB121 Financial Accounting  
BSB122 Quantitative Analysis and Finance

##### Year 2, Semester 1

BSB111 Business Law and Ethics

BSB115 Management, People and Organisations

**Year 2, Semester 2**

BSB119 International and Electronic Business

BSB126 Marketing

**Year 3, Semester 1**

BSB114 Government, Business and Society

EFB101 Data Analysis for Business

**Year 3, Semester 2**

AYB221 Computerised Accounting Systems

AYB223 Law of Business Associations

**Year 4, Semester 1**

AYB220 Company Accounting

EFB210 Finance 1

**Year 4, Semester 2**

AYB225 Management Accounting

AYB311 Financial Accounting Issues

**Year 5, Semester 1**

AYB301 Auditing

AYB321 Strategic Management Accounting

AYB325 Taxation Law

EFB102 Economics 2

**Banking and Finance**

**Year 1, Semester 1**

BSB113 Economics

BSB122 Quantitative Analysis and Finance

**Year 1, Semester 2**

BSB115 Management, People and Organisations

EFB102 Economics 2

**Year 2, Semester 1**

BSB114 Government, Business and Society

EFB101 Data Analysis for Business

**Year 2, Semester 2**

BSB110 Accounting

BSB126 Marketing

**Year 3, Semester 1**

BSB119 International and Electronic Business

EFB210 Finance 1

**Year 3, Semester 2**

EFB307 Finance 2

Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**

EFB201 Financial Markets

Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**

EFB312 International Finance

Double Major / Extended Major / Specialisation Unit

**Year 5, Semester 1**

BSB111 Business Law and Ethics

Double Major / Extended Major / Specialisation Unit

Double Major / Extended Major / Specialisation Unit

Double Major / Extended Major / Specialisation Unit

**Economics**

**Year 1, Semester 1**

BSB113 Economics

BSB122 Quantitative Analysis and Finance

**Year 1, Semester 2**

BSB115 Management, People and Organisations

EFB102 Economics 2

**Year 2, Semester 1**

BSB126 Marketing

EFB101 Data Analysis for Business

**Year 2, Semester 2**

BSB110 Accounting

BSB114 Government, Business and Society

**Year 3, Semester 1**

EFB202 Business Cycles and Economic Growth

EFB211 Firms, Markets and Resources

**Year 3, Semester 2**

EFB314 International Trade and Economic Competitiveness

Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**

BSB119 International and Electronic Business

Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**

EFB323 Financial and Monetary Economics

Double Major / Extended Major / Specialisation Unit

**Year 5, Semester 1**

BSB111 Business Law and Ethics

Double Major / Extended Major / Specialisation Unit

Double Major / Extended Major / Specialisation Unit

Double Major / Extended Major / Specialisation Unit

**Marketing**

**Year 1, Semester 1**

BSB122 Quantitative Analysis and Finance

BSB126 Marketing

**Year 1, Semester 2**

AMB200 Consumer Behaviour

AMB240 Marketing Planning and Management

**Year 2, Semester 1**

AMB201 Marketing and Audience Research

BSB119 International and Electronic Business

**Year 2, Semester 2**

AMB241 E-Marketing Strategies

Double Major / Extended Major / Specialisation

**Year 3, Semester 1**

BSB113 Economics

Double Major / Extended Major / Specialisation

**Year 3, Semester 2**

BSB110 Accounting

Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**

AMB340 Services Marketing

Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**

AMB341 Strategic Marketing

Double Major / Extended Major / Specialisation Unit

**Year 5, Semester 1**

BSB111 Business Law and Ethics

BSB114 Government, Business and Society

BSB115 Management, People and Organisations

Double Major / Extended Major / Specialisation Unit

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**CORE PROGRAM - BA Students**

Please refer to the Core Program listed under the **Bachelor of Arts/Bachelor of Applied Science (IF86)**.

**■ Bachelor of Arts/Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management or Public Relations) (IF30)**

**Award title:** Bachelor of Arts/Bachelor of Business (Study Area A)

**CRICOS code:** 037539D

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 4.5 years

**Total credit points:** 432 (192 cp in Arts and 240 cp in Business)

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr John Synott (Humanities and Human Services); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr Gayle Kerr (Advertising); Ms Sherrena Buckby (Electronic Business); Dr Amanda Gudmundsson (Human Resource Management); Dr Beverley Kitching (International Business); Dr Glenda Maconachie (Management); Ms Robina Xavier (Public Relations)

**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Arts/Bachelor of Business (Accountancy, Banking and Finance, Economics, or Marketing).

## Professional Recognition

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership as follows:

- All majors: Chartered Secretaries Australia (CSA) - enrolment in the Graduate Diploma in Applied Corporate Governance.
- Advertising - Advertising Federation of Australia, the Australian Association of National Advertisers; the Australian Direct Marketing Association and the Queensland Commercial Radio Association;
- Human Resource Management - Australian Human Resources Institute, Australian Institute of Training and Development, Australian Institute of Management;
- International Business - Australian Institute of Export;
- Management - Australian Institute of Management;
- Public Relations - Public Relations Institute of Australia.

## Course Design

Students are required to complete 432 credit points comprised of 192 credit points for the Bachelor of Arts component, and 240 credit points for the Bachelor of Business component.

## Example of Full-time Course Structure

Please refer to the example of a full-time course structure under the Bachelor of Arts/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing).

## Key Terms - BA

For details of key terms used in the BA, refer to the Bachelor of Arts (Humanities) HU22 course entry in the Humanities and Human Services section.

## Arts Major/Minor Sequences

For details of foundation units, and major and minor sequences (Lists A, B and C), refer to the Bachelor of Arts (Humanities)(HH01) course entry in the Humanities and Human Services section.

## Course Structure

### Advertising

#### Year 1, Semester 1

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 1, Semester 2

AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice

#### Year 2, Semester 1

AMB221 Advertising Copywriting  
BSB119 International and Electronic Business

#### Year 2, Semester 2

AMB222 Media Planning  
Business Double Major / Extended Major / Specialisation Unit

#### Year 3, Semester 1

BSB115 Management, People and Organisations  
Business Double Major / Extended Major / Specialisation Unit

#### Year 3, Semester 2

BSB114 Government, Business and Society  
Business Double Major / Extended Major / Specialisation Unit

#### Year 4, Semester 1

AMB320 Advertising Management  
Business Double Major / Extended Major / Specialisation Unit

#### Year 4, Semester 2

AMB321 Advertising Campaigns  
Business Double Major / Extended Major / Specialisation Unit

#### Year 5, Semester 1

BSB110 Accounting  
BSB111 Business Law and Ethics  
BSB113 Economics  
Business Double Major / Extended Major / Specialisation Unit

## Electronic Business

**Note:** The Electronic Business Major must be undertaken with another Business Major

#### Year 1, Semester 1

BSB111 Business Law and Ethics  
BSB119 International and Electronic Business

#### Year 1, Semester 2

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 2, Semester 1

BSB110 Accounting  
BSB113 Economics

#### Year 2, Semester 2

BSB115 Management, People and Organisations  
ITB825 Electronic Business Information Systems

#### Year 3, Semester 1

BSB114 Government, Business and Society  
BSB212 Electronic Business Applications

#### Year 3, Semester 2

BSB213 Legal Issues in Electronic Business  
Business Double Major Unit

#### Year 4, Semester 1

MGB334 Managing in a Changing Environment  
Business Double Major Unit

#### Year 4, Semester 2

BSB314 E-Business Intelligence  
Business Double Major Unit

#### Year 5, Semester 1

Electronic Business Elective  
Business Double Major Unit  
Business Double Major Unit  
Business Double Major Unit

#### Electronic Business Elective Unit List:

AMB230 Internet Promotion  
AYB221 Computerised Accounting Systems  
IBB303 International Logistics  
ITB233 Enterprise Systems Applications  
ITB823 Web Sites For Electronic Commerce  
MGB216 Managing Technology, Innovation and Knowledge  
MGB304 Human Resource Information Management

## Human Resource Management

#### Year 1, Semester 1

BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance

#### Year 1, Semester 2

BSB126 Marketing  
MGB220 Management Research Methods

#### Year 2, Semester 1

BSB114 Government, Business and Society  
BSB119 International and Electronic Business

#### Year 2, Semester 2

MGB207 Human Resource Issues and Strategy  
MGB211 Organisational Behaviour

#### Year 3, Semester 1

BSB110 Accounting  
MGB222 Managing Organisations

#### Year 3, Semester 2

MGB314 Organisational Consulting and Change  
Business Double Major / Extended Major / Specialisation Unit

#### Year 4, Semester 1

BSB113 Economics  
Business Double Major / Extended Major / Specialisation Unit

#### Year 4, Semester 2

Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

#### Year 5, Semester 1

BSB111 Business Law and Ethics  
MGB309 Strategic Management  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

\*The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students

undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

### International Business (with a language specialisation)

Students undertake one language area only and may study French, German, Indonesian or Japanese, or seek approval to undertake a different language at another tertiary institution. Mandarin is offered only as intensive 24 credit point unit in Summer school mode, followed by in-country experience.

Students undertaking a language specialisation must complete a minimum of four language units, plus IBB205 Cross-Cultural Communication and Negotiation and an International Business Unit or two additional language units. The School of Humanities and Human Services offers language units at QUT.

#### Year 1, Semester 1

BSB119 International and Electronic Business  
Language 1

#### Year 1, Semester 2

BSB115 Management, People and Organisations  
Language 2

#### Year 2, Semester 1

BSB113 Economics  
Language 3

#### Year 2, Semester 2

IBB213 International Marketing  
Language 4

#### Year 3, Semester 1

BSB122 Quantitative Analysis and Finance  
Language 5, or

IBB205 Cross-Cultural Communication and Negotiation

#### Year 3, Semester 2

IBB202 International Business Development and Finance  
Language 6, or  
International Business Elective Unit (IBB2xx, IBB3xx)

#### Year 4, Semester 1

BSB114 Government, Business and Society  
International Business Area Study 1

#### Year 4, Semester 2

BSB126 Marketing  
International Business Area Study 2

#### Year 5, Semester 1

BSB110 Accounting  
BSB111 Business Law and Ethics  
IBB210 Export Management  
IBB300 International Business Strategy

#### International Business Area Study Units:

Students must complete one of the following pairs of area study units:

IBB208 European Business Development  
IBB308 Contemporary Business in Europe, or  
IBB217 Asian Business Development  
IBB317 Contemporary Business in Asia

### International Business (without a language specialisation)

#### Year 1, Semester 1

BSB113 Economics  
BSB119 International and Electronic Business

#### Year 1, Semester 2

BSB115 Management, People and Organisations  
BSB126 Marketing

#### Year 2, Semester 1

BSB122 Quantitative Analysis and Finance  
IBB213 International Marketing

#### Year 2, Semester 2

BSB110 Accounting  
IBB202 International Business Development and Finance

#### Year 3, Semester 1

IBB210 Export Management  
International Business Area Study 1

#### Year 3, Semester 2

BSB114 Government, Business and Society  
International Business Area Study 2

#### Year 4, Semester 1

Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

#### Year 4, Semester 2

IBB300 International Business Strategy  
Business Double Major / Extended Major / Specialisation Unit

#### Year 5, Semester 1

BSB111 Business Law and Ethics  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

#### International Business Area Study Units:

Students must complete one of the following pairs of area study units:

IBB208 European Business Development  
IBB308 Contemporary Business in Europe, or  
IBB217 Asian Business Development  
IBB317 Contemporary Business in Asia

### Management

#### Year 1, Semester 1

BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance

#### Year 1, Semester 2

BSB126 Marketing  
MGB220 Management Research Methods

#### Year 2, Semester 1

BSB114 Government, Business and Society  
BSB119 International and Electronic Business

#### Year 2, Semester 2

MGB211 Organisational Behaviour  
MGB222 Managing Organisations

#### Year 3, Semester 1

BSB110 Accounting  
MGB210 Production and Service Management

#### Year 3, Semester 2

Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

#### Year 4, Semester 1

BSB113 Economics  
MGB334 Managing in a Changing Environment

#### Year 4, Semester 2

MGB309 Strategic Management  
Business Double Major / Extended Major / Specialisation Unit

#### Year 5, Semester 1

BSB111 Business Law and Ethics  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

\*The units AMB201 Market and Audience Research and MGB220

Management Research Methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

### Public Relations

#### Year 1, Semester 1

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

#### Year 1, Semester 2

AMB260 Public Relations Theory and Practice  
BSB119 International and Electronic Business

#### Year 2, Semester 1

AMB201 Marketing and Audience Research  
AMB261 Media Relations and Publicity

#### Year 2, Semester 2

AMB262 Public Relations Writing  
Business Double Major / Extended Major / Specialisation Unit

#### Year 3, Semester 1

BSB115 Management, People and Organisations

Business Double Major / Extended Major / Specialisation Unit

### Year 3, Semester 2

BSB110 Accounting  
Business Double Major / Extended Major / Specialisation Unit

### Year 4, Semester 1

AMB360 Corporate Communication Management  
Business Double Major / Extended Major / Specialisation Unit

### Year 4, Semester 2

AMB361 Public Relations Campaigns  
Business Double Major / Extended Major / Specialisation Unit

### Year 5, Semester 1

BSB111 Business Law and Ethics  
BSB113 Economics  
BSB114 Government, Business and Society  
Business Double Major / Extended Major / Specialisation Unit

\*The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

## CORE PROGRAM - BA Students

Please refer to the Core Program listed under the **Bachelor of Arts/Bachelor of Applied Science (IF86)**.

## ■ Bachelor of Arts/Bachelor of Education (Early Childhood) (IX11)

**Award title:** Bachelor of Arts/Bachelor of Education (Early Childhood)

**CRICOS code:** 020316C

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 384 (192 in the BA; 192 in the B Ed)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr Iraphne Childs (Arts); Dr Felicity McArdle (Education)

### Professional Recognition

This double degree is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks. The Early Childhood specialisation is also accredited by the Department of Families for employment in the area of child care.

### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Example of BA Full-time Course Structure - Commencing Students

#### Year 1, Semester 1

Introductory Core Unit (Major)  
1st Year Core Skills Unit (HHB116)  
Introductory Core Unit (2nd Major or Minor)  
Elective Unit (General)

#### Year 1, Semester 2

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (2nd Major or Minor)  
Elective Unit (General)

#### Year 2, Semester 1

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (2nd Major or Minor)  
Elective Unit (General)

#### Year 2, Semester 2

Elective Unit (Major)

Elective Unit (Major)

Elective Unit (2nd Major or Minor)

Elective Unit (General)

## CORE PROGRAM - Commencing Students

Please refer to the Core Program listed under the **Bachelor of Arts/Bachelor of Applied Science (IF86)**.

### Education Component

#### Year 3, Semester 1

EAB004 Development and Learning Early Childhood 2  
EDB011 Early Childhood Field Studies 1: Development and Learning in the Field  
EAB008 Early Childhood Language and Literacies and Communication 1  
EAB003 Development and Learning in Early Childhood 1

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB012 Early Childhood Field Studies 2: Practising Education in the Field  
EAB011 Early Childhood Curriculum: Arts 1  
EAB013 Early Childhood Society, Environment and Health Education

#### Year 4, Semester 1

EAB005 Inclusion in Early Childhood Settings  
EDB013 Early Childhood Field Studies III: Immersion in Inclusive Educational Practices

EAB006 Leadership and Management in Early Childhood Services  
And one of

EAB015 Early Childhood Science and Information and Communication Technologies Education  
EAB009 Early Childhood Language and Literacies and Communication 2

EAB012 Early Childhood Curriculum: Arts II  
EAB014 Early Childhood Mathematics Education

#### Year 4, Semester 2

EAB007 Working with Parents and Other Adults in Early Childhood Education and Care Services  
EDB014 Early Childhood Field Studies IV: Professional Work of Teachers: Induction into Practice  
EDB015 Internship (Early Childhood)  
EAB017 Integrated Early Childhood Curriculum

## ■ Bachelor of Arts/Bachelor of Education (Primary) (IX12)

**Award title:** Bachelor of Arts/Bachelor of Education (Primary)

**CRICOS code:** 020316C

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Education - Ms Jenny Masters;  
Humanities- Dr Iraphne Childs

### Professional Recognition

The Bachelor of Education is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Example of BA Full-time Course Structure - Commencing Students

#### Year 1, Semester 1

Introductory Core Unit (Major)  
1st Year Core Skills Unit (HHB116)  
Introductory Core Unit (2nd Major or Minor)  
Elective Unit (General)

#### Year 1, Semester 2

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (2nd Major or Minor)

Elective Unit (General)

#### Year 2, Semester 1

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (2nd Major or Minor)  
Elective Unit (General)

#### Year 2, Semester 2

Elective Unit (Major)  
Elective Unit (Major)  
Elective Unit (2nd Major or Minor)  
Elective Unit (General)

### CORE PROGRAM - Commencing Students

Please refer to the Core Program listed under the **Bachelor of Arts/Bachelor of Applied Science (IF86)**.

#### Education Component

##### Year 3, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning  
EDB021 Primary Field Studies 1: Development and Learning in the Field  
CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1  
MDB002 Primary Curriculum and Pedagogies: Mathematics 1

##### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB022 Primary Field Studies II: Practising Education in the Field  
EDB008 Primary Curriculum and Pedagogies Interdisciplinary Primary Curriculum Studies

##### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB023 Primary Field Studies III: Immersion in Inclusive Educational Practices  
EDB009 Primary Curriculum and Pedagogies: Interdisciplinary Primary Curriculum Studies II

##### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
EDB024 Primary Field Studies IV: Professional Work of Teachers: Induction into Practice  
EDB025 Internship (Primary)  
SPB035 Primary Curriculum & Pedagogies: Integrated Primary and Middle Years Curriculum Project

### ■ Bachelor of Arts/Bachelor of Education (Secondary) (IX01)

**Award title:** Bachelor of Arts/Bachelor of Education (Secondary)

**CRICOS code:** 020316C

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432 (240 credit points in the BA and 192 credit points in the BEd)

**Course coordinator:** Humanities Coordinator: Dr Iraphne Childs; Education Coordinator: Dr Peter Bond

#### Professional Recognition

The Bachelor of Education is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

#### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

#### Course Structure

##### Year 1 - Semester 1

Foundation Unit (prev. Faculty Foundation Unit) OR  
HHB116 Applied Skills And Scholarship  
Course Foundation Unit - from 1st teaching area  
Elective Unit - 1st Teaching Area  
Elective Unit - 2nd Teaching Area  
Course Foundation Unit

##### Year 1 - Semester 2

Foundation Unit (prev. Faculty Foundation Unit) OR  
HHB116 Applied Skills And Scholarship  
Course Foundation Unit - 2nd Teaching Area  
Course Foundation Unit  
Elective Unit - 2nd Teaching Area  
Elective Unit - 1st Teaching Area

##### Year 2, Semester 1

Elective Unit - 1st Teaching Area  
Elective Unit - 1st Teaching Area  
Elective Unit - 2nd Teaching Area  
Other Elective  
Other Elective

##### Year 2, Semester 2

Elective Unit - 2nd Teaching Area  
Elective Unit - 2nd Teaching Area  
Elective Unit - 1st Teaching Area  
Other Elective  
Other Elective

**Notes:** See Notes 1 and 2

#### Part-Time Students in BA Component

See Note 3

#### List A - Foundation Units

Students should complete two Foundation Units in first year.

HHB106 Australian Society And Culture  
HHB117 Introduction To Social Research Methods  
HHB114 Introduction To Human Rights And Ethics  
HHB111 Issues In International And Global Studies  
HHB105 Exploring Change

#### List B - BA Course Foundation Units

ENGLISH  
KWB716 Introduction to Literary Theory and Cultural Studies  
HISTORY  
HHB121 Interpreting The Past  
HHB109 Australian Historical Studies  
GEOGRAPHY  
HHB107 World Regions  
SOCIAL SCIENCE  
HHB121 Interpreting The Past  
HHB254 Indigenous Australian Culture Studies  
HHB115 Human Identity And Change  
HHB104 Understanding Society: Intro To Sociology  
LOTE: See Note 4  
LANGUAGES: See Note 5

HHB071 Indonesian 1  
HHB073 Indonesian 3  
HHB081 Japanese 1  
HHB083 Japanese 3  
HHB061 French 1  
HHB063 French 3  
HHB091 German 1  
HHB093 German 3  
HHB050 Mandarin For Chinese  
HHB051 Introductory Mandarin 1  
HHB052 Introductory Mandarin 2

#### Year 2 (Semester 1 and 2) and Year 3 (Semester 1)

LIST C - ELECTIVES (Refer to HH01 Handbook entry)  
English  
Geography  
History  
Social Science  
Languages

#### Education Component

##### Year 3, Semester 1

EDB002 Teaching and Learning Studies II: Development and Learning  
EDB031 Secondary Field Studies 1: Development and Learning in the Field  
Curriculum Studies IX  
Curriculum Studies IV

##### Year 3, Semester 2

EDB003 Teaching and Learning Studies III: Practising Education  
EDB032 Secondary Field Studies II: Practising Education in the Field  
Curriculum Studies 2X  
Curriculum Studies 2Y

##### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices

Curriculum Studies 3X  
Curriculum Studies 3Y

#### Year 4, Semester 2

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035	Internship (Secondary) Education Elective

### Curriculum Studies Units

#### Curriculum Studies 1

CLB018	English Curriculum Studies 1
CLB024	Film and Media Curriculum Studies 1
CLB027	Geography Curriculum Studies 1
CLB030	History Curriculum Studies 1
CLB036	LOTE Curriculum Studies 1
CLB039	Social Science Curriculum Studies 1

#### Curriculum Studies 2

CLB019	English Curriculum Studies 2
CLB025	Film and Media Curriculum Studies 2
CLB028	Geography Curriculum Studies 2
CLB031	History Curriculum Studies 2
CLB037	LOTE Curriculum Studies 2
CLB040	Social Science Curriculum Studies 2

#### Curriculum Studies 3

CLB020	English Curriculum Studies 3
CLB026	Film and Media Curriculum Studies 3
CLB029	Geography Curriculum Studies 3
CLB032	History Curriculum Studies 3
CLB038	LOTE Curriculum Studies 3
CLB041	Social Science Curriculum Studies 3

## ■ Bachelor of Arts/Bachelor of Laws (IF43)

**Award title:** Bachelor of Arts/Bachelor of Laws

**CRICOS code:** 027276E

**Location:** Gardens Point and Carseldine

**Course duration (full-time):** 5 Years

**Total credit points:** 528 (192 credit points BA and 336 credit points BLaws)

**Standard credit points per semester (full-time):** 48

**Standard credit points per semester (part-time):** 24

**Course coordinator:** Dr John Synott (Arts); Director, Undergraduate Programs (Law)

### Professional Recognition

The Bachelor of Laws degree covers the areas of law required for the purposes of admission to practise as a Solicitor and/or Barrister in all Australian states and territories.

### Course Structure BA component - Continuing Students

#### BA REQUIREMENTS (Years 1 and 2)

Students should have completed the following components of the degree:

The first year requirements (8 units) which include:

- HHB116 Applied Skills and Scholarship
- Two Foundation Units (if you have not already completed 2 Faculty Foundation Units in Year 1)
- Two to three Course Foundation Units
- Two to three Elective Units.

NB A minimum of 4 of these 8 units must be chosen from the BA component of your course.

In second year, a further 8 units are to be completed:

- One Major Study Sequence chosen from those offered in the BA component, and
- One Minor Study Sequence chosen from those offered in the component of your course or from other minor Study Sequences offered elsewhere within QUT.

Students must ensure that a minimum of 12 of the 16 units must be chosen from units in the BA.

### Course Structure BA component - Commencing Students

BA Course Requirements (Years 1 and 2)(Commencing Students)

Students are required to complete:

- One Interdisciplinary Professional Major (1 core introductory unit + 6 units in the major)

It is suggested that students complete the Core Units Program consisting of the following:

- Four core units in first semester (from a selection of core introductory units and core skills units)

(Note: one of the core introductory units will sit within the chosen Interdisciplinary Professional Major)

- Two core units in second year (2 research methods units)

Students must maintain a 50% enrolment in units from the BA program until they have completed 8 of these units (96 credit points).

Students may wish to

- develop a Minor (48 credit points) in one of the Interdisciplinary Professional areas
- develop a Minor (48 credit points) in a disciplinary study sequence or in another QUT course
- take a series of elective units.

Students wishing to complete a full discipline studies sequence (6 units) will need to amend their core units program.

Students planning to complete a full language sequence (6 units) will need to discuss their program with the relevant Course Coordinator to ensure that their language studies begin in semester one and continue into their third year.

NB Students are required to complete 16 units in the BA component of the double degree. Of these 12 must be BA units ie HHB coded units.

### Key Terms in the BA

**Professional Major** - one of four interdisciplinary study sequences in the BA degree (International & Global Studies, Society and Change, Ethics and Human Rights, Community Studies), consisting of one core unit plus six from the appropriate list (making a total of 84 credit points). Students must complete at least one of these to fulfil the requirements of the degree.

NB: a unit may not be counted in more than one professional major, discipline sequence, or Minor.

**Discipline Sequence** - a set of six units (72 credit points) in a given discipline (Geography, History, Languages and Social Science). In Languages, this consists of six sequenced units in one Language. In other disciplines it must include one introductory unit to the discipline.

**Minor Study Sequence** - a study sequence of any four units (48 credit points) in a given subject area.

### Interdisciplinary Professional Majors - Commencing Students

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Discipline Sequences

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### Minor Sequences

For details, refer to the Co-majors section of the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

### CORE PROGRAM - BA Students

Please refer to the Core Program listed under the **Bachelor of Arts/Bachelor of Applied Science (IF86)**.



**Course Structure - Example of Full-time Course Structure****Year 1, Semester 1**

Introductory Core unit (Major)  
 1st Year Core Skills unit (HHB116)  
 Introductory Core unit (2nd Major or Minor)  
 Elective Unit (General)

**Year 1, Semester 2**

Elective Unit (Major)  
 Elective Unit (Major)  
 Elective Unit (Minor)  
 Elective Unit (General)

**Year 2, Semester 1**

Elective Unit (Major)  
 Elective Unit (Major)  
 Elective Unit (Minor)  
 Elective Unit (General)

**Year 2, Semester 2**

Elective Unit (Major)  
 Elective Unit (Major)  
 Elective Unit (2nd Major or Minor)  
 Elective Unit (General)

**BA Core Program**

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Professional Major Study Sequences**

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Discipline Sequences**

For details, refer to the Bachelor of Arts (HH01) entry in the Humanities and Human Services section.

**Minor Study Sequences in other QUT Courses**

For details of Minor Study Sequences available, refer to the Co-Majors section of the Bachelor of Arts (HH01) entry in the Humanities and Human Services section as any of these are able to be taken as Minors.

**■ Bachelor of Business****(Accountancy)/Bachelor of Laws (IF37)**

**Award title:** Bachelor of Business (Accountancy)/Bachelor of Laws

**CRICOS code:** 006386F

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 540

**Standard credit points per semester (full-time):** 60 (years sem 1-5); 48 (sem 7 & 8); 56 (sem 6,9,10)

**Course coordinator:** Mr Andrew Paltridge (Business); Director, Undergraduate Programs (Law)

**Discipline coordinator:** Dr John Sweeting (Accountancy)

**Professional Recognition**

The combined Accountancy/Law program satisfies the academic requirements of the Institute of Chartered Accountants in Australia and CPA Australia. The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposes of the Solicitors' and Barristers' Admission Rules.

**Course Structure****Year 1, Semester 1**

BSB110 Accounting  
 BSB113 Economics  
 BSB122 Quantitative Analysis and Finance  
 Introduction to Legal Research  
 LWB141 Legal Institutions and Method  
 LWB142 Law, Society and Justice

**Year 1, Semester 2**

AYB121 Financial Accounting  
 BSB119 International and Electronic Business  
 EFB101 Data Analysis for Business  
 LWB143 Legal Research and Writing  
 LWB144 Laws and Global Perspectives

**Year 2, Semester 1**

AYB220 Company Accounting  
 BSB115 Management, People and Organisations

EFB210 Finance 1  
 LWB136 Contracts A  
 LWB138 Fundamentals of Torts

**Year 2, Semester 2**

AYB221 Computerised Accounting Systems  
 AYB225 Management Accounting  
 EFB102 Economics 2  
 LWB137 Contracts B  
 LWB139 Select Issues in Torts

**Year 3, Semester 1**

AYB301 Auditing  
 BSB126 Marketing  
 LWB231 Introduction to Public Law  
 LWB238 Fundamentals of Criminal Law  
 LWB366 Law of Commercial Entities

**Year 3, Semester 2**

AYB311 Financial Accounting Issues, or  
 AYB321 Strategic Management Accounting  
 Plus:  
 BSB114 Government, Business and Society  
 LWB235 Australian Federal Constitutional Law  
 LWB239 Criminal Responsibility

**Year 4, Semester 1**

LWB236 Real Property A  
 LWB240 Principles of Equity  
 LWB332 Commercial and Personal Property Law  
 LWB333 Theories of Law

**Year 4, Semester 2**

LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**

LWB364 Introduction to Taxation Law  
 LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research and Legal Reasoning

**Year 5, Semester 2**

LWB359 Advanced Taxation Law  
 LWB433 Professional Responsibility  
 Law Elective unit  
 Law Elective unit

**■ Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)/Bachelor of Health Science (Health Services Management) (IF47)**

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Health Science (Health Services Management)

**CRICOS code:** 027277D

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Mr Andrew Paltridge (Business); Ms Melinda Service (Health)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Dr Josie Di Donato (Health Services Management); Dr Yunus Ali (Marketing); Dr Adam Clements (Banking & Finance); Dr Radhika Lahiri (Economics)

**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management, or Public Relations)/Bachelor of Health Science (Health Services Management).

**Professional recognition**

Graduates may be eligible for membership of the Australasian Institute of Banking and Finance (AIBF), CPA Australia, the Institute of Chartered Accountants in Australia, Chartered Secretaries Australia, the Economic Society of Australia (Qld), Advertising Federation of Australia, Public Relations Institute of

Australia, Australian Marketing Institute, Australian Institute of Management, Australian College of Health Service Executives (ACHSE) and other professional associations, depending on unit selection.

### Course Design

Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Health Science program and 240 credit points from the Bachelor of Business program.

### Course Structure

#### Accountancy / Health Services Management

##### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health

##### Year 1, Semester 2

AYB121	Financial Accounting
BSB122	Quantitative Analysis and Finance
PUB251	Contemporary Public Health
PYB012	Psychology

##### Year 2, Semester 1

BSB111	Business Law and Ethics
BSB115	Management, People and Organisations
PUB326	Epidemiology
PUB380	Casemix Management

##### Year 2, Semester 2

BSB114	Government, Business and Society
BSB119	International and Electronic Business
BSB126	Marketing
MGB207	Human Resource Issues and Strategy
PUB209	Health, Culture and Society

##### Year 3, Semester 1

AYB220	Company Accounting
EFB101	Data Analysis for Business
	Double Major / Extended Major / Specialisation Unit
	Public Health Elective

##### Year 3, Semester 2

AYB221	Computerised Accounting Systems
AYB225	Management Accounting
LWS001	Medicine And The Law
PUB480	Health Administration Finance
	Double Major / Extended Major / Specialisation Unit

##### Year 4, Semester 1

AYB301	Auditing
PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management
	Double Major / Extended Major / Specialisation Unit
	Double Major / Extended Major / Specialisation Unit

##### Year 4, Semester 2

PUB418	Health Computer Systems
PUB609	Health Resource Allocation
PUB875	Professional Practice
	Double Major / Extended Major / Specialisation Unit
	Double Major / Extended Major / Specialisation Unit

#### Banking & Finance / Health Services Management

##### Year 1, Semester 1

BSB113	Economics
BSB122	Quantitative Analysis and Finance
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health

##### Year 1, Semester 2

BSB115	Management, People and Organisations
EFB102	Economics 2
PUB251	Contemporary Public Health
PYB012	Psychology

##### Year 2, Semester 1

BSB114	Government, Business and Society
EFB101	Data Analysis for Business
PUB326	Epidemiology
PUB380	Casemix Management

##### Year 2, Semester 2

BSB110	Accounting
BSB126	Marketing
MGB207	Human Resource Issues and Strategy
PUB209	Health, Culture and Society

Double Major / Extended Major / Specialisation Unit

##### Year 3, Semester 1

BSB111	Business Law and Ethics
EFB210	Finance 1
	Double Major / Extended Major / Specialisation Unit
	Double Major / Extended Major / Specialisation Unit
	Public Health Elective

##### Year 3, Semester 2

BSB119	International and Electronic Business
LWS001	Medicine And The Law
PUB480	Health Administration Finance
	Double Major / Extended Major / Specialisation Unit

##### Year 4, Semester 1

EFB201	Financial Markets
EFB307	Finance 2
PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management
	Double Major / Extended Major / Specialisation Unit

##### Year 4, Semester 2

EFB312	International Finance
PUB418	Health Computer Systems
PUB609	Health Resource Allocation
PUB875	Professional Practice
	Double Major / Extended Major / Specialisation Unit

#### Economics / Health Services Management

##### Year 1, Semester 1

BSB113	Economics
BSB122	Quantitative Analysis and Finance
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health

##### Year 1, Semester 2

BSB115	Management, People and Organisations
EFB102	Economics 2
PUB251	Contemporary Public Health
PYB012	Psychology

##### Year 2, Semester 1

BSB114	Government, Business and Society
EFB101	Data Analysis for Business
PUB326	Epidemiology
PUB380	Casemix Management

##### Year 2, Semester 2

BSB110	Accounting
MGB207	Human Resource Issues and Strategy
PUB209	Health, Culture and Society
	Double Major / Extended Major / Specialisation Unit
BSB126	Marketing

##### Year 3, Semester 1

BSB111	Business Law and Ethics
EFB202	Business Cycles and Economic Growth
EFB211	Firms, Markets and Resources
	Double Major / Extended Major / Specialisation Unit
	Public Health Elective

##### Year 3, Semester 2

EFB314	International Trade and Economic Competitiveness
EFB323	Financial and Monetary Economics
LWS001	Medicine And The Law
PUB480	Health Administration Finance
	Double Major / Extended Major / Specialisation Unit

##### Year 4, Semester 1

BSB119	International and Electronic Business
PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management
	Double Major / Extended Major / Specialisation Unit

##### Year 4, Semester 2

PUB418	Health Computer Systems
PUB609	Health Resource Allocation
PUB875	Professional Practice
	Double Major / Extended Major / Specialisation Unit
	Double Major / Extended Major / Specialisation Unit

#### Marketing / Health Services Management

##### Year 1, Semester 1

BSB122	Quantitative Analysis and Finance
BSB126	Marketing
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health

##### Year 1, Semester 2

AMB200	Consumer Behaviour
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AMB240 Marketing Planning and Management  
 PUB251 Contemporary Public Health  
 PYB012 Psychology

#### **Year 2, Semester 1**

AMB201 Marketing and Audience Research  
 BSB119 International and Electronic Business  
 PUB326 Epidemiology  
 PUB380 Casemix Management

#### **Year 2, Semester 2**

AMB241 E-Marketing Strategies  
 BSB114 Government, Business and Society  
 MGB207 Human Resource Issues and Strategy  
 PUB209 Health, Culture and Society  
 Double Major / Extended Major / Specialisation Unit

#### **Year 3, Semester 1**

BSB111 Business Law and Ethics  
 BSB113 Economics  
 BSB115 Management, People and Organisations  
 Double Major / Extended Major / Specialisation Unit  
 Public Health Elective

#### **Year 3, Semester 2**

LWS001 Medicine And The Law  
 PUB480 Health Administration Finance  
 Double Major / Extended Major / Specialisation Unit  
 Double Major / Extended Major / Specialisation Unit

#### **Year 4, Semester 1**

AMB340 Services Marketing  
 BSB110 Accounting  
 PUB511 Health Policy, Planning and Evaluation  
 PUB514 Contract/Project Management  
 Double Major / Extended Major / Specialisation Unit

#### **Year 4, Semester 2**

AMB341 Strategic Marketing  
 PUB418 Health Computer Systems  
 PUB609 Health Resource Allocation  
 PUB875 Professional Practice  
 Double Major / Extended Major / Specialisation Unit

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

### ■ Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Health Science (Health Services Management) (IF47)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Health Science (Health Services Management)

**CRICOS code:** 027277D

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (Average)

**Course coordinator:** Mr Andrew Paltridge (Business); Ms Melinda Service (Health)

**Discipline coordinator:** Ms Gayle Kerr (Advertising); Dr Josie Di Donato (Health Services Management); Dr Amanda Gudmundsson (Human Resource Management); Ms Sherrena Buckby (Electronic Business); Dr Beverley Kitching (International Business); Dr Glenda Maconachie (Management); Ms Robina Xavier (Public Relations)

#### **Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Business (Accountancy, Banking and Finance, Economics, or Marketing)/Bachelor of Health Science (Health Services Management).

### **Professional Recognition**

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership of the CPA Australia; Institute of Chartered Accountants in Australia; Chartered Secretaries Australia; Advertising Federation of Australia; Australian Association of National Advertisers; Australian Direct Marketing Association; Queensland Commercial Radio Association; Australian Human Resources Institute; Australian Institute of Management; Australian Institute of Training and Development; Australian Institute of Export and Public Relations Institute of Australia.

The Bachelor of Health Science degree may, subject to unit selection allow graduates to satisfy the academic requirements for membership Australian College of Health Service Executives (ACHSE) and other professional associations.

### **Course Design**

Students are required to complete 432 credit points comprised of 192 credit points from the Bachelor of Health Science program and 240 credit points from the Bachelor of Business program.

### **Course Structure**

#### **Electronic Business / Health Services Management**

##### **Year 1, Semester 1**

BSB114 Government, Business and Society  
 BSB119 International and Electronic Business  
 PUB104 Introduction to Health Services Management  
 PUB107 Sustainable Environments for Health

##### **Year 1, Semester 2**

BSB122 Quantitative Analysis and Finance  
 BSB126 Marketing  
 PUB251 Contemporary Public Health  
 PYB012 Psychology

##### **Year 2, Semester 1**

BSB115 Management, People and Organisations  
 BSB212 Electronic Business Applications  
 PUB326 Epidemiology  
 PUB380 Casemix Management

##### **Year 2, Semester 2**

BSB110 Accounting  
 BSB111 Business Law and Ethics  
 ITB825 Electronic Business Information Systems  
 MGB207 Human Resource Issues and Strategy  
 PUB209 Health, Culture and Society

##### **Year 3, Semester 1**

BSB113 Economics  
 MGB334 Managing in a Changing Environment  
 Business Double Major Unit  
 Electronic Business Elective  
 Public Health Elective

##### **Year 3, Semester 2**

BSB213 Legal Issues in Electronic Business  
 LWS001 Medicine And The Law  
 PUB480 Health Administration Finance  
 Business Double Major Unit  
 Business Double Major Unit

##### **Year 4, Semester 1**

PUB511 Health Policy, Planning and Evaluation  
 PUB514 Contract/Project Management  
 Business Double Major Unit  
 Business Double Major Unit

##### **Year 4, Semester 2**

BSB314 E-Business Intelligence  
 PUB418 Health Computer Systems  
 PUB609 Health Resource Allocation  
 PUB875 Professional Practice  
 Business Double Major Unit

##### **Electronic Business Elective Unit List:**

AMB230 Internet Promotion  
 AYB221 Computerised Accounting Systems  
 IBB303 International Logistics  
 ITB233 Enterprise Systems Applications  
 ITB823 Web Sites For Electronic Commerce  
 MGB216 Managing Technology, Innovation and Knowledge  
 MGB304 Human Resource Information Management

**Human Resource Management / Health Services Management****Year 1, Semester 1**

BSB115	Management, People and Organisations
BSB122	Quantitative Analysis and Finance
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health

**Year 1, Semester 2**

BSB126	Marketing
MGB220	Management Research Methods
PUB251	Contemporary Public Health
PYB012	Psychology

**Year 2, Semester 1**

BSB113	Economics
BSB119	International and Electronic Business
PUB326	Epidemiology
PUB380	Casemix Management

**Year 2, Semester 2**

BSB110	Accounting
MGB207	Human Resource Issues and Strategy
MGB211	Organisational Behaviour
PUB209	Health, Culture and Society

**Year 3, Semester 1**

BSB114	Government, Business and Society Business Double Major / Extended Major / Specialisation Unit Business Elective Unit*
MGB222	Managing Organisations Public Health Elective

**Year 3, Semester 2**

LWS001	Medicine And The Law
PUB480	Health Administration Finance Business Double Major / Extended Major / Specialisation Unit Business Double Major / Extended Major / Specialisation Unit Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**

BSB111	Business Law and Ethics
MGB314	Organisational Consulting and Change Business Double Major / Extended Major / Specialisation Unit
PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management

**Year 4, Semester 2**

MGB309	Strategic Management Business Double Major / Extended Major / Specialisation Unit
PUB418	Health Computer Systems
PUB609	Health Resource Allocation
PUB875	Professional Practice

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

\*As the unit MGB207 Human Resource Issues & Strategy forms part of the Health Science component of the degree students are required to undertake a Business elective unit towards the Business component of this degree.

**Management / Health Services Management****Year 1, Semester 1**

BSB115	Management, People and Organisations
BSB122	Quantitative Analysis and Finance
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health

**Year 1, Semester 2**

MGB220	Management Research Methods
MGB222	Managing Organisations
PUB251	Contemporary Public Health
PYB012	Psychology

**Year 2, Semester 1**

BSB113	Economics
MGB211	Organisational Behaviour
PUB326	Epidemiology
PUB380	Casemix Management

**Year 2, Semester 2**

BSB110	Accounting
BSB114	Government, Business and Society Business Double Major / Extended Major / Specialisation Unit
MGB207	Human Resource Issues and Strategy
PUB209	Health, Culture and Society

**Year 3, Semester 1**

BSB119	International and Electronic Business
BSB126	Marketing
MGB210	Production and Service Management
MGB334	Managing in a Changing Environment Public Health Elective

**Year 3, Semester 2**

MGB309	Strategic Management Business Double Major / Extended Major / Specialisation Unit Business Double Major / Extended Major / Specialisation Unit
LWS001	Medicine And The Law
PUB480	Health Administration Finance

**Year 4, Semester 1**

BSB111	Business Law and Ethics Business Double Major / Extended Major / Specialisation Unit Business Double Major / Extended Major / Specialisation Unit
PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management

**Year 4, Semester 2**

PUB418	Health Computer Systems
PUB609	Health Resource Allocation
PUB875	Professional Practice Business Double Major / Extended Major / Specialisation Unit

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**Advertising / Health Services Management****Year 1, Semester 1**

BSB122	Quantitative Analysis and Finance
BSB126	Marketing
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health

**Year 1, Semester 2**

AMB200	Consumer Behaviour
AMB220	Advertising Theory and Practice
PUB251	Contemporary Public Health
PYB012	Psychology

**Year 2, Semester 1**

AMB221	Advertising Copywriting
BSB115	Management, People and Organisations
PUB326	Epidemiology
PUB380	Casemix Management

**Year 2, Semester 2**

AMB222	Media Planning
BSB119	International and Electronic Business Business Double Major / Extended Major / Specialisation Unit
MGB207	Human Resource Issues and Strategy
PUB209	Health, Culture and Society

**Year 3, Semester 1**

BSB113	Economics
BSB114	Government, Business and Society Business Double Major / Extended Major / Specialisation Unit Business Double Major / Extended Major / Specialisation Unit Public Health Elective

**Year 3, Semester 2**

BSB110	Accounting Business Double Major / Extended Major / Specialisation Unit
LWS001	Medicine And The Law
PUB480	Health Administration Finance

**Year 4, Semester 1**

AMB320	Advertising Management
BSB111	Business Law and Ethics
	Business Double Major / Extended Major / Specialisation Unit
PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management

**Year 4, Semester 2**

AMB321	Advertising Campaigns
	Business Double Major / Extended Major / Specialisation Unit
PUB418	Health Computer Systems
PUB609	Health Resource Allocation
PUB875	Professional Practice

**International Business (without a Language) / Health Services Management****Year 1, Semester 1**

BSB114	Government, Business and Society
BSB119	International and Electronic Business
PUB104	Introduction to Health Services Management
PUB107	Sustainable Environments for Health

**Year 1, Semester 2**

BSB113	Economics
BSB115	Management, People and Organisations
PUB251	Contemporary Public Health
PYB012	Psychology

**Year 2, Semester 1**

BSB126	Marketing
IBB210	Export Management
PUB326	Epidemiology
PUB380	Casemix Management

**Year 2, Semester 2**

BSB110	Accounting
IBB202	International Business Development and Finance
IBB213	International Marketing
MGB207	Human Resource Issues and Strategy
PUB209	Health, Culture and Society

**Year 3, Semester 1**

BSB111	Business Law and Ethics
BSB122	Quantitative Analysis and Finance
	International Business Area Study 1
	Business Double Major / Extended Major / Specialisation Unit
	Public Health Elective

**Year 3, Semester 2**

LWS001	Medicine And The Law
PUB480	Health Administration Finance
	International Business Area Study 2
	Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**

PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management
	Business Double Major / Extended Major / Specialisation Unit
	Business Double Major / Extended Major / Specialisation Unit
	Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**

IBB300	International Business Strategy
	Business Double Major / Extended Major / Specialisation Unit
PUB418	Health Computer Systems
PUB609	Health Resource Allocation
PUB875	Professional Practice

**International Business Area Study Units:**

	Students must complete one of the following pairs of units:
IBB208	European Business Development
IBB308	Contemporary Business in Europe, or
IBB217	Asian Business Development
IBB317	Contemporary Business in Asia

**International Business (with a Language) / Health Services Management****Year 1, Semester 1**

BSB119	International and Electronic Business
PUB104	Introduction to Health Services Management

PUB107	Sustainable Environments for Health
	Language 1

**Year 1, Semester 2**

BSB115	Management, People and Organisations
PUB251	Contemporary Public Health
PYB012	Psychology
	Language 2

**Year 2, Semester 1**

BSB113	Economics
PUB326	Epidemiology
PUB380	Casemix Management
	Language 3

**Year 2, Semester 2**

BSB126	Marketing
IBB202	International Business Development and Finance
MGB207	Human Resource Issues and Strategy
PUB209	Health, Culture and Society
	Language 4

**Year 3, Semester 1**

BSB114	Government, Business and Society
BSB122	Quantitative Analysis and Finance
IBB210	Export Management
	Language 5, or
IBB205	Cross-Cultural Communication and Negotiation
	Public Health Elective

**Year 3, Semester 2**

IBB213	International Marketing
LWS001	Medicine And The Law
PUB480	Health Administration Finance
	Language 6, or
	International Business Elective Unit (IBB2xx, IBB3xx)

**Year 4, Semester 1**

BSB110	Accounting
BSB111	Business Law and Ethics
PUB511	Health Policy, Planning and Evaluation
PUB514	Contract/Project Management
	Area Study 1

**Year 4, Semester 2**

IBB300	International Business Strategy
PUB418	Health Computer Systems
PUB609	Health Resource Allocation
PUB875	Professional Practice
	Area Study 2

**Area Study Options for International Business major:**

Students must complete one of the following pairs of area study units:

IBB208	European Business Development
IBB308	Contemporary Business in Europe, or
IBB217	Asian Business Development
IBB317	Contemporary Business in Asia

## ■ Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Laws (IF41)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Laws

**CRICOS code:** 006386F

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 60

**Course coordinator:** Mr Andrew Paltridge (Business); Director, Undergraduate Programs (Law)

**Discipline coordinator:** Ms Gayle Kerr (Advertising); Dr Amanda Gudmundsson (Human Resource Management); Dr Beverley Kitching (International Business); Dr Glenda Maconachie (Management); Ms Robina Xavier (Public Relations)

**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Business (Banking & Finance, Economics and Marketing)/Bachelor of Laws.

**Professional Recognition**

The Bachelor of Laws degree satisfies the academic requirements for admission to practise as a Solicitor or Barrister in Queensland.

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership of: CPA Australia; Institute of Chartered Accountants in Australia; Chartered Secretaries Australia; Advertising Federation of Australia; Australian Association of National Advertisers; Australian Direct Marketing Association; Queensland Commercial Radio Association; Australasian Institute of Banking and Finance; Economics Society of Australia; Australian Human Resources Institute; Australian Institute of Management; Australian Institute of Training and Development; Australian Institute of Export; Australian Institute of Management; Australian Marketing Institute; Marketing Research Society of Australia; Australian Institute of Management; American Marketing Association and Public Relations Institute of Australia.

**Course Design**

Students are required to complete 528 credit points, comprised of 192 credit points for the Bachelor of Business program and 336 credit points for the Bachelor of Laws program.

For the Business component, students undertake 7 Faculty core units and 6 units from one of the following Majors plus 3 specialisation units.

**Course Structure****Advertising****Year 1, Semester 1**

BSB115	Management, People and Organisations
BSB122	Quantitative Analysis and Finance
BSB126	Marketing
	Introduction to Legal Research
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice

**Year 1, Semester 2**

AMB200	Consumer Behaviour
AMB220	Advertising Theory and Practice
BSB119	International and Electronic Business
LWB143	Legal Research and Writing
LWB144	Laws and Global Perspectives

**Year 2, Semester 1**

AMB221	Advertising Copywriting
BSB113	Economics
BSB114	Government, Business and Society
LWB136	Contracts A

**Year 2, Semester 2**

AMB222	Media Planning
BSB110	Accounting
	Business Specialisation Unit
LWB137	Contracts B

**Year 3, Semester 1**

AMB320	Advertising Management
	Business Specialisation Unit
LWB138	Fundamentals of Torts
LWB238	Fundamentals of Criminal Law

**Year 3, Semester 2**

AMB321	Advertising Campaigns
	Business Specialisation Unit
LWB139	Select Issues in Torts
LWB239	Criminal Responsibility

**Year 4, Semester 1**

LWB231	Introduction to Public Law
LWB236	Real Property A
LWB240	Principles of Equity
LWB332	Commercial and Personal Property Law
LWB333	Theories of Law

**Year 4, Semester 2**

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

**Year 5, Semester 1**

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research and Legal Reasoning
	Law Elective unit

**Year 5, Semester 2**

LWB433	Professional Responsibility
	Law Elective unit
	Law Elective unit
	Law Elective unit

**Human Resource Management****Year 1, Semester 1**

BSB110	Accounting
BSB115	Management, People and Organisations
BSB122	Quantitative Analysis and Finance
	Introduction to Legal Research
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice

**Year 1, Semester 2**

BSB114	Government, Business and Society
BSB119	International and Electronic Business
MGB220	Management Research Methods
LWB143	Legal Research and Writing
LWB144	Laws and Global Perspectives

**Year 2, Semester 1**

BSB126	Marketing
MGB207	Human Resource Issues and Strategy
MGB211	Organisational Behaviour
LWB136	Contracts A

**Year 2, Semester 2**

BSB113	Economics
MGB222	Managing Organisations
	Business Specialisation unit
LWB137	Contracts B

**Year 3, Semester 1**

MGB314	Organisational Consulting and Change
	Business Specialisation unit
LWB138	Fundamentals of Torts
LWB238	Fundamentals of Criminal Law

**Year 3, Semester 2**

MGB309	Strategic Management
	Business Specialisation unit
LWB139	Select Issues in Torts
LWB239	Criminal Responsibility

**Year 4, Semester 1**

LWB231	Introduction to Public Law
LWB236	Real Property A
LWB240	Principles of Equity
LWB332	Commercial and Personal Property Law
LWB333	Theories of Law

**Year 4, Semester 2**

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

**Year 5, Semester 1**

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research and Legal Reasoning
	Law Elective unit

**Year 5, Semester 2**

LWB433	Professional Responsibility
	Law Elective unit
	Law Elective unit
	Law Elective unit

**International Business****Year 1, Semester 1**

BSB110	Accounting
BSB115	Management, People and Organisations
BSB119	International and Electronic Business
	Introduction to Legal Research
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice

**Year 1, Semester 2**

BSB113	Economics
BSB114	Government, Business and Society

BSB126 Marketing  
LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives

#### **Year 2, Semester 1**

BSB122 Quantitative Analysis and Finance  
IBB210 Export Management  
International Business Area Study 1  
LWB136 Contracts A

#### **Year 2, Semester 2**

IBB202 International Business Development and Finance  
IBB213 International Marketing  
International Business Area Study 2  
LWB137 Contracts B

#### **Year 3, Semester 1**

Business Specialisation unit  
Business Specialisation unit  
LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law

#### **Year 3, Semester 2**

IBB300 International Business Strategy  
Business Specialisation unit  
LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility

#### **Year 4, Semester 1**

LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

#### **Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

#### **Year 5, Semester 1**

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Law Elective unit

#### **Year 5, Semester 2**

LWB433 Professional Responsibility  
Law Elective unit  
Law Elective unit  
Law Elective unit

#### **Area Study Units for the International Business Major:**

Students must complete one of the following pairs of area study units:

IBB208 European Business Development  
IBB308 Contemporary Business in Europe, or  
IBB217 Asian Business Development  
IBB317 Contemporary Business in Asia

### **Management**

#### **Year 1, Semester 1**

BSB110 Accounting  
BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance  
LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice  
Introduction to Legal Research

#### **Year 1, Semester 2**

BSB114 Government, Business and Society  
BSB119 International and Electronic Business  
MGB220 Management Research Methods  
LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives

#### **Year 2, Semester 1**

BSB126 Marketing  
MGB211 Organisational Behaviour  
MGB222 Managing Organisations  
LWB136 Contracts A

#### **Year 2, Semester 2**

BSB113 Economics  
MGB334 Managing in a Changing Environment  
Business Specialisation unit  
LWB137 Contracts B

#### **Year 3, Semester 1**

MGB210 Production and Service Management

Business Specialisation unit

LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law

#### **Year 3, Semester 2**

MGB309 Strategic Management  
Business Specialisation unit  
LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility

#### **Year 4, Semester 1**

LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

#### **Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

#### **Year 5, Semester 1**

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Law Elective unit

#### **Year 5, Semester 2**

LWB433 Professional Responsibility  
Law Elective unit  
Law Elective unit  
Law Elective unit

### **Public Relations**

#### **Year 1, Semester 1**

BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing  
Introduction to Legal Research

LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice

#### **Year 1, Semester 2**

AMB260 Public Relations Theory and Practice  
BSB114 Government, Business and Society  
BSB119 International and Electronic Business  
LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives

#### **Year 2, Semester 1**

AMB201 Marketing and Audience Research  
AMB261 Media Relations and Publicity  
BSB113 Economics  
LWB136 Contracts A

#### **Year 2, Semester 2**

AMB262 Public Relations Writing  
Business Specialisation Unit  
BSB110 Accounting  
LWB137 Contracts B

#### **Year 3, Semester 1**

AMB360 Corporate Communication Management  
Business Specialisation Unit  
LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law

#### **Year 3, Semester 2**

AMB361 Public Relations Campaigns  
Business Specialisation Unit  
LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility

#### **Year 4, Semester 1**

LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

#### **Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

#### **Year 5, Semester 1**

LWB431 Civil Procedure

- LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Law Elective unit

**Year 5, Semester 2**

- LWB433 Professional Responsibility  
Law Elective unit  
Law Elective unit  
Law Elective unit

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking Management as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**Business Specialisations**

Students should note that not all specialisations will be timetabled in every year or semester. Hence it is important that you confirm that the specialisation in which you are interested is offered. Any deviation from the list of specialisations requires approval from the Faculty of Business, Director of Undergraduate Studies. Students are required to undertake an alternative specialisation unit where the same unit constitutes part of their Business major.

**Accounting**

- AYB121 Financial Accounting  
AYB220 Company Accounting  
AYB225 Management Accounting

**Advertising - for students with an Advertising Major**

- AMB330 Advertising Strategy and Planning  
Plus two from  
AMB230 Internet Promotion  
AMB231 Marketing Communications Regulations and Ethics  
AMB331 Direct Marketing

**Advertising - for students without an Advertising Major**

- AMB220 Advertising Theory and Practice  
AMB221 Advertising Copywriting  
AMB222 Media Planning

**Banking and Finance-for students with a Banking and Finance major**

- EFB308 Finance 3  
Plus two from  
AYB225 Management Accounting  
EFB309 Financial Derivatives  
EFB310 Financial Institutions - Control  
EFB311 Financial Institutions - Lending  
EFB318 Portfolio and Security Analysis

**Banking and Finance-for students without a Banking and Finance major**

- EFB210 Finance 1  
EFB307 Finance 2  
Plus  
EFB201 Financial Markets, or  
EFB312 International Finance

**Economics - for students with an Economics major**

- Any three units from  
EFB200 Applied Regression Analysis  
EFB201 Financial Markets  
EFB210 Finance 1  
EFB324 Macroeconomics and Global Financial Markets  
EFB325 Financial Microeconomics  
EFB327 Econometrics of Financial Markets  
EFB328 Public Economics and Finance

**Economics - for students without an Economics major**

- EFB102 Economics 2  
EFB201 Business Cycles and Economic Growth  
EFB211 Firms, Markets and Resources

**Electronic Business**

- BSB212 Electronic Business Applications  
BSB314 E-Business Intelligence  
MGB334 Managing in a Changing Environment

**Human Resource Management- for students with an HRM major**

- MGB221 Performance and Reward  
MGB304 Human Resource Information Management  
MGB315 Personal and Professional Development

**International Business- for students with an IB major**

- IBB205 Cross-Cultural Communication and Negotiation  
IBB304 Global Industry Analysis  
IBB311 Globalisation and Theoretical Perspectives on Internationalisation

**International Business- for students without an IB major**

- IBB210 Export Management  
IBB213 International Marketing  
IBB300 International Business Strategy

**Management- for students with a Management major**

- MGB216 Managing Technology, Innovation and Knowledge  
MGB315 Personal and Professional Development  
Plus

- MGB218 Venture Skills, or  
MGB223 Creating New Enterprises

**Management- for students without an Management major**

- MGB220 Management Research Methods  
MGB222 Managing Organisations  
MGB334 Managing in a Changing Environment

**Marketing- for students with a Marketing major**

- Choose any three from  
AMB250 Business to Business Marketing  
AMB251 Innovation and Market Development  
AMB350 Relationship and Sales Management  
AMB351 Tourism Marketing  
AMB352 Marketing Decision Making  
AMB353 Retail Marketing  
AMB354 Events Marketing  
IBB213 International Marketing

**Marketing - for students without a Marketing major**

- AMB200 Consumer Behaviour  
AMB240 Marketing Planning and Management  
AMB341 Strategic Marketing

**Public Relations- for students with a PR major**

- AMB202 Integrated Marketing Communication  
AMB370 Public Relations Cases  
AMB371 Corporate Communication Strategies

**Public Relations- for students without a PR major**

- AMB260 Public Relations Theory and Practice  
AMB261 Media Relations and Publicity  
AMB262 Public Relations Writing

## ■ Bachelor of Business (Banking and Finance, Economics or Marketing)/Bachelor of Laws (IF41)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Laws

**CRICOS code:** 006386F

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 60

**Course coordinator:** Mr Andrew Paltridge (Business); Director, Undergraduate Programs (Law)

**Discipline coordinator:** Dr Yunus Ali (Marketing); Dr Adam Clements (Banking & Finance) and Dr Radhika Lahiri (Economics)

**Other Majors**

See also the separate entry for the following majors in this course: Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Laws

**Professional Recognition**

The Bachelor of Laws degree satisfies the academic requirements for admission to practise as a Solicitor or Barrister in Queensland.

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership of: CPA Australia; Institute of Chartered Accountants in Australia; Chartered Secretaries Australia; Advertising Federation of Australia; Australian Association of National Advertisers; Australian Direct Marketing Association; Queensland Commercial Radio Association; Australasian Institute of Banking and Finance; Economics Society of Australia; Australian Human Resources Institute; Australian Institute of Management; Australian Institute of Training and Development; Australian Institute of Export;



Australian Institute of Management; Australian Marketing Institute; Marketing Research Society of Australia; Australian Institute of Management; American Marketing Association and Public Relations Institute of Australia.

### Course Design

Students are required to complete 528 credit points, comprised of 192 credit points for the Bachelor of Business program and 336 credit points for the Bachelor of Laws program.

For the Business component, students undertake 7 Faculty core units and 6 units from one of the following Majors plus 3 specialisation units.

### Course Structure

#### Banking and Finance

##### Year 1, Semester 1

BSB113 Economics  
BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance  
Introduction to Legal Research  
LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice

##### Year 1, Semester 2

BSB110 Accounting  
BSB126 Marketing  
EFB102 Economics 2  
LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives

##### Year 2, Semester 1

BSB114 Government, Business and Society  
EFB101 Data Analysis for Business, or  
Business Specialisation unit  
EFB210 Finance 1  
LWB136 Contracts A

##### Year 2, Semester 2

BSB119 International and Electronic Business  
EFB307 Finance 2  
EFB312 International Finance  
LWB137 Contracts B

##### Year 3, Semester 1

EFB201 Financial Markets  
LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law  
Business Specialisation unit

##### Year 3, Semester 2

EFB101 Data Analysis for Business, or  
Business Specialisation unit  
Business Specialisation unit  
LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility

##### Year 4, Semester 1

LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

##### Year 4, Semester 2

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

##### Year 5, Semester 1

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Law Elective unit

##### Year 5, Semester 2

LWB433 Professional Responsibility  
Law Elective unit  
Law Elective unit  
Law Elective unit

#### Economics

##### Year 1, Semester 1

BSB110 Accounting  
BSB113 Economics

BSB115 Management, People and Organisations  
Introduction to Legal Research

LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice

##### Year 1, Semester 2

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing  
EFB102 Economics 2  
LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives

##### Year 2, Semester 1

EFB101 Data Analysis for Business  
EFB202 Business Cycles and Economic Growth  
EFB211 Firms, Markets and Resources  
LWB136 Contracts A

##### Year 2, Semester 2

BSB119 International and Electronic Business  
EFB314 International Trade and Economic Competitiveness  
EFB323 Financial and Monetary Economics  
LWB137 Contracts B

##### Year 3, Semester 1

BSB114 Government, Business and Society  
LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law  
Business Specialisation unit

##### Year 3, Semester 2

LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility  
Business Specialisation unit  
Business Specialisation unit

##### Year 4, Semester 1

LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

##### Year 4, Semester 2

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB241 Trusts  
LWB331 Administrative Law  
LWB334 Corporate Law

##### Year 5, Semester 1

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Law Elective unit

##### Year 5, Semester 2

LWB433 Professional Responsibility  
Law Elective unit  
Law Elective unit  
Law Elective unit

#### Marketing

##### Year 1, Semester 1

BSB122 Quantitative Analysis and Finance  
BSB115 Management, People and Organisations  
BSB126 Marketing  
Introduction to Legal Research

LWB141 Legal Institutions and Method  
LWB142 Law, Society and Justice

##### Year 1, Semester 2

AMB200 Consumer Behaviour  
AMB240 Marketing Planning and Management  
BSB119 International and Electronic Business  
LWB143 Legal Research and Writing  
LWB144 Laws and Global Perspectives

##### Year 2, Semester 1

AMB201 Marketing and Audience Research  
BSB113 Economics  
BSB114 Government, Business and Society  
LWB136 Contracts A

##### Year 2, Semester 2

AMB241 E-Marketing Strategies  
BSB110 Accounting  
LWB137 Contracts B  
Business Specialisation unit

##### Year 3, Semester 1

AMB340 Services Marketing

LWB138 Fundamentals of Torts  
LWB238 Fundamentals of Criminal Law  
Business Specialisation unit

**Year 3, Semester 2**

AMB341 Strategic Marketing  
LWB139 Select Issues in Torts  
LWB239 Criminal Responsibility  
Business Specialisation unit

**Year 4, Semester 1**

LWB231 Introduction to Public Law  
LWB236 Real Property A  
LWB240 Principles of Equity  
LWB332 Commercial and Personal Property Law  
LWB333 Theories of Law

**Year 4, Semester 2**

LWB235 Australian Federal Constitutional Law  
LWB237 Real Property B  
LWB331 Administrative Law  
LWB239 Criminal Responsibility  
LWB334 Corporate Law

**Year 5, Semester 1**

LWB431 Civil Procedure  
LWB432 Evidence  
LWB434 Advanced Research and Legal Reasoning  
Law Elective unit

**Year 5, Semester 2**

LWB433 Professional Responsibility  
Law Elective unit  
Law Elective unit  
Law Elective unit

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking Management as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**Business Specialisations**

Please refer to the Business Specialisations listed under the **Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Laws (IF41)**.

## ■ Bachelor of Business Information Management (IF11)

**Award title:** Bachelor of Business Information Management

**Location:** Caboolture

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Mr Robert Craig

**Course Discontinuation**

This course has been discontinued and there will be no intake for 2005.

**Professional Recognition**

Students who graduate from the Bachelor of Business Information Management are eligible for membership of the Australian Institute of Management.

**Course Structure****Year 1, Semester 1**

CTB112 Introduction to Electronic Commerce  
CTB115 Management, People and Organisations  
CTB210 Introduction To Programming - Visual Basic  
CTB225 Introduction to Databases

**Year 1, Semester 2**

CTB110 Accounting  
CTB126 Marketing  
CTB721 Principles Of Information Management  
CTB751 Introduction To Network Technologies

**Year 2, Semester 1**

CTB212 Electronic Business Applications  
CTB221 Computerised Accounting Systems  
CTB222 Business Systems Analysis  
KKB818 Introduction To Multimedia Technology

**Year 2, Semester 2**

CTB213 Legal Issues In Electronic Business  
CTB223 Creating New Enterprises  
CTB722 Web Applications  
CTB723 Information Issues and Values

**Year 3, Semester 1**

CTB334 Managing in a Changing Environment  
CTB724 Fundamentals of Enterprise Systems  
Elective  
Elective

**Year 3, Semester 2**

CTB335 Project Management  
CTB752 Data Security  
Elective  
Elective

**IF11 - Mid Year Intake****Year 1, Semester 2**

CTB721 Principles Of Information Management  
CTB751 Introduction To Network Technologies  
CTB110 Accounting  
CTB126 Marketing

**Year 2, Semester 1**

CTB225 Introduction to Databases  
CTB210 Introduction To Programming - Visual Basic  
CTB112 Introduction to Electronic Commerce  
CTB115 Management, People and Organisations

**Year 2, Semester 2**

CTB213 Legal Issues In Electronic Business  
CTB223 Creating New Enterprises  
CTB722 Web Applications  
CTB723 Information Issues and Values

**Year 3, Semester 1**

CTB219 Application Programming  
CTB222 Business Systems Analysis  
CTB212 Electronic Business Applications  
CTB221 Computerised Accounting Systems

**Year 3, Semester 2**

CTB752 Data Security  
CTB335 Project Management  
Elective  
Elective

**Year 4, Semester 1**

CTB724 Fundamentals of Enterprise Systems  
CTB334 Managing in a Changing Environment  
Elective  
Elective

## ■ Bachelor of Business(Accountancy and Economics)/Bachelor of Education (Secondary) (IX03)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Education (Secondary)

**CRICOS code:** 020321F

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Mr Andrew Paltridge (Business), Dr Peter Bond (Education)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Dr Radhika Lahiri (Economics)

**Professional Recognition**

The Bachelor of Business degree may, subject to unit selection, allow graduates to satisfy the academic requirements for membership of CPA Australia, Institute of Chartered Accountants in Australia and Economic Society of Australia. Students may also meet the academic requirements for the Chartered Secretaries Australia (CSA) for enrolment in the Graduate Diploma in Applied Corporate Governance.

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland.

Applicants for teacher registration in Queensland are subject to national criminal history checks.

### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Course Design

Students are required to complete 240 credit points from the Faculty of Business plus 192 credit points in units offered by the Faculty of Education. Teaching areas for students completing this award are Accounting and Economics.

### Course Structure

#### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
BSB119	International and Electronic Business
BSB122	Quantitative Analysis and Finance
BSB126	Marketing

#### Year 1, Semester 2

AYB121	Financial Accounting
BSB111	Business Law and Ethics
BSB115	Management, People and Organisations
EFB101	Data Analysis for Business
EFB102	Economics 2

#### Year 2, Semester 1

AYB220	Company Accounting
BSB114	Government, Business and Society
EFB202	Business Cycles and Economic Growth
EFB210	Finance 1
EFB211	Firms, Markets and Resources

#### Year 2, Semester 2

AYB221	Computerised Accounting Systems
AYB225	Management Accounting
AYB301	Auditing
EFB314	International Trade and Economic Competitiveness
EFB323	Financial and Monetary Economics

#### Year 3, Semester 1

CLB009	Accounting and Business Management Curriculum Studies 1
CLB015	Economics Curriculum Studies 1
EDB002	Teaching and Learning Studies 2: Development and Learning
EDB031	Secondary Field Studies 1: Development and Learning in the Field

#### Year 3, Semester 2

EDB003	Teaching and Learning Studies 3: Practising Education
EDB032	Secondary Field Studies II: Practising Education in the Field
CLB010	Accounting/Business Management Curriculum Studies 2
CLB016	Economics Curriculum Studies 2

#### Year 4, Semester 1

EDB004	Teaching & Learning Studies IV: Inclusive Education
EDB033	Secondary Field Studies III: Immersion in Inclusive Educational Practices
CLB011	Accounting/Business Management Curriculum Studies 3
CLB017	Economics Curriculum Studies 3

#### Year 4, Semester 2

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB007	Culture Studies: Indigenous Education
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035	Internship (Secondary)

## ■ Bachelor of Business/Bachelor of Information Technology (IF48)

**Award title:** Bachelor of Business (Study Area A)/Bachelor of Information Technology

**CRICOS code:** 022137A

**Location:** Gardens Point

**Course duration (full-time):** 8 or 9 Semesters

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average) for 8 semesters; 48 for 9 semesters

**Course coordinator:** Dr Alan Tickle (InfoTech); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Ms Gayle Kerr (Advertising); Ms Sherrena Buckby (Electronic Business); Dr Amanda Gudmundsson (Human Resource Management); Dr Beverley Kitching (International Business); Dr Glenda Maconachie (Management); Dr Yunus Ali (Marketing); Ms Robina Xavier (Public Relations); Dr Adam Clements (Banking & Finance) and Dr Radhika Lahiri (Economics)

### Professional Recognition

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership of: CPA Australia; Institute of Chartered Accountants in Australia; Chartered Secretaries Australia; Advertising Federation of Australia; Australian Association of National Advertisers; Australian Direct Marketing Association; Queensland Commercial Radio Association; Australasian Institute of Banking and Finance; Economics Society of Australia; Australian Human Resources Institute; Australian Institute of Management; Australian Institute of Training and Development; Australian Institute of Export; Australian Marketing Institute; Marketing Research Society of Australia; American Marketing Association and Public Relations Institute of Australia.

Graduates of the Bachelor of Information Technology meet the knowledge requirement for admission to the Australian Computer Society.

### Course Design

Students are required to complete 432 credit points comprised of 216 credit points from the Bachelor of Business program and 216 credit points from the Bachelor of Information Technology program.

### Course Structure

#### Accountancy (for students seeking professional recognition)

##### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
ITB111	Software Development 1
ITB115	Introduction to Databases

##### Year 1, Semester 2

BSB111	Business Law and Ethics
BSB122	Quantitative Analysis and Finance
ITB113	Systems Architecture
ITB116	IT Professional Studies 1

##### Year 2, Semester 1

AYB121	Financial Accounting
BSB115	Management, People and Organisations
ITB117	IT Professional Studies 2
ITB118	ICT Systems Life Cycle

##### Year 2, Semester 2

AYB223	Law of Business Associations
BSB114	Government, Business and Society
ITB222	Business Systems Analysis
ITB232	Database Systems

##### Year 3, Semester 1

AYB221	Computerised Accounting Systems
EFB101	Data Analysis for Business
ITB218	Applications Programming
ITB229	Information Systems Modelling

##### Year 3, Semester 2

AYB220	Company Accounting
EFB210	Finance 1
ITB227	Web Applications
ITB228	Enterprise Systems

##### Year 4, Semester 1

AYB225	Management Accounting
EFB102	Economics 2
ITB241	Information Technology Management
	IT Elective Unit

##### Year 4, Semester 2

AYB301	Auditing
AYB325	Taxation Law
ITB240	Project (Information Systems)

IT Elective Unit

**Year 5, Semester 1**

AYB311 Financial Accounting Issues  
 AYB321 Strategic Management Accounting  
 IT Elective Unit  
 IT Elective Unit

**Accountancy (for students not seeking professional recognition)****Year 1, Semester 1**

BSB110 Accounting  
 BSB113 Economics  
 ITB111 Software Development 1  
 ITB115 Introduction to Databases

**Year 1, Semester 2**

BSB115 Management, People and Organisations  
 BSB122 Quantitative Analysis and Finance  
 ITB113 Systems Architecture  
 ITB116 IT Professional Studies 1

**Year 2, Semester 1**

AYB121 Financial Accounting  
 Choice of Business Faculty Core unit  
 ITB117 IT Professional Studies 2  
 ITB118 ICT Systems Life Cycle

**Year 2, Semester 2**

EFB101 Data Analysis for Business  
 Choice of Business Faculty Core unit  
 ITB222 Business Systems Analysis  
 ITB232 Database Systems

**Year 3, Semester 1**

AYB220 Company Accounting  
 Business Double Major / Extended Major / Specialisation Unit  
 ITB218 Applications Programming  
 ITB229 Information Systems Modelling

**Year 3, Semester 2**

AYB225 Management Accounting  
 Business Double Major / Extended Major / Specialisation Unit  
 ITB227 Web Applications  
 ITB228 Enterprise Systems

**Year 4, Semester 1**

AYB221 Computerised Accounting Systems  
 Business Double Major / Extended Major / Specialisation Unit  
 ITB241 Information Technology Management  
 IT Elective Unit

**Year 4, Semester 2**

AYB301 Auditing  
 Business Double Major / Extended Major / Specialisation Unit  
 ITB240 Project (Information Systems)  
 IT Elective Unit

**Year 5, Semester 1**

Business Double Major / Extended Major / Specialisation unit  
 Business Double Major / Extended Major / Specialisation unit  
 IT Elective Unit  
 IT Elective Unit

**Business Faculty Core Units:**

Students must choose two of the following Faculty Core units:

BSB111 Business Law and Ethics  
 BSB114 Government, Business and Society  
 BSB119 International and Electronic Business  
 BSB126 Marketing

**Advertising****Year 1, Semester 1**

BSB115 Management, People and Organisations  
 BSB126 Marketing  
 ITB111 Software Development 1  
 ITB115 Introduction to Databases

**Year 1, Semester 2**

BSB110 Accounting  
 BSB113 Economics  
 ITB113 Systems Architecture  
 ITB116 IT Professional Studies 1

**Year 2, Semester 1**

AMB220 Advertising Theory and Practice

Choice of Business Faculty Core unit

ITB117 IT Professional Studies 2  
 ITB118 ICT Systems Life Cycle

**Year 2, Semester 2**

AMB200 Consumer Behaviour  
 Choice of Business Faculty Core unit  
 ITB222 Business Systems Analysis  
 ITB232 Database Systems

**Year 3, Semester 1**

AMB221 Advertising Copywriting  
 Business Double Major / Extended Major / Specialisation Unit  
 ITB218 Applications Programming  
 ITB229 Information Systems Modelling

**Year 3, Semester 2**

AMB222 Media Planning  
 Business Double Major / Extended Major / Specialisation Unit  
 ITB227 Web Applications  
 ITB228 Enterprise Systems

**Year 4, Semester 1**

AMB320 Advertising Management  
 Business Double Major / Extended Major / Specialisation unit  
 ITB241 Information Technology Management  
 IT Elective Unit

**Year 4, Semester 2**

AMB321 Advertising Campaigns  
 Business Double Major / Extended Major / Specialisation unit  
 ITB240 Project (Information Systems)  
 IT Elective Unit

**Year 5, Semester 1**

Business Double Major / Extended Major / Specialisation unit  
 Business Double Major / Extended Major / Specialisation unit  
 IT Elective Unit  
 IT Elective Unit

**Business Faculty core units:**

Students must choose 2 of the following Faculty Core units:

BSB111 Business Law and Ethics  
 BSB114 Government, Business and Society  
 BSB119 International and Electronic Business  
 BSB122 Quantitative Analysis and Finance

**Banking & Finance****Year 1, Semester 1**

BSB115 Management, People and Organisations  
 BSB122 Quantitative Analysis and Finance  
 ITB111 Software Development 1  
 ITB115 Introduction to Databases

**Year 1, Semester 2**

BSB110 Accounting  
 BSB113 Economics  
 ITB113 Systems Architecture  
 ITB116 IT Professional Studies 1

**Year 2, Semester 1**

EFB101 Data Analysis for Business  
 Choice of Business Faculty Core unit  
 ITB117 IT Professional Studies 2  
 ITB118 ICT Systems Life Cycle

**Year 2, Semester 2**

EFB210 Finance 1  
 Choice of Business Faculty core unit  
 ITB222 Business Systems Analysis  
 ITB232 Database Systems

**Year 3, Semester 1**

EFB102 Economics 2  
 Business Double Major / Extended Major / Specialisation Unit  
 ITB218 Applications Programming  
 ITB229 Information Systems Modelling

**Year 3, Semester 2**

EFB307 Finance 2  
 Business Double Major / Extended Major / Specialisation Unit  
 ITB227 Web Applications  
 ITB228 Enterprise Systems

**Year 4, Semester 1**

EFB201 Financial Markets  
 Business Double Major / Extended Major / Specialisation unit  
 ITB241 Information Technology Management

IT Elective Unit

**Year 4, Semester 2**

EFB312 International Finance  
Business Double Major / Extended Major / Specialisation unit  
ITB240 Project (Information Systems)  
IT Elective Unit

**Year 5, Semester 1**

Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit  
IT Elective Unit  
IT Elective Unit

**Business Faculty Core units:**

Students must choose 2 of the following Faculty Core units:

BSB111 Business Law and Ethics  
BSB114 Government, Business and Society  
BSB119 International and Electronic Business  
BSB126 Marketing

**Economics****Year 1, Semester 1**

BSB110 Accounting  
BSB113 Economics  
ITB111 Software Development 1  
ITB115 Introduction to Databases

**Year 1, Semester 2**

BSB115 Management, People and Organisations  
BSB122 Quantitative Analysis and Finance  
ITB113 Systems Architecture  
ITB116 IT Professional Studies 1

**Year 2, Semester 1**

EFB102 Economics 2  
Choice of Business Faculty core unit  
ITB117 IT Professional Studies 2  
ITB118 ICT Systems Life Cycle

**Year 2, Semester 2**

EFB101 Data Analysis for Business  
Choice of Business Faculty core unit  
ITB222 Business Systems Analysis  
ITB223 4GL Systems

**Year 3, Semester 1**

EFB202 Business Cycles and Economic Growth  
Business Double Major / Extended Major / Specialisation Unit  
ITB218 Applications Programming  
ITB229 Information Systems Modelling

**Year 3, Semester 2**

EFB323 Financial and Monetary Economics  
Business Double Major / Extended Major / Specialisation Unit  
ITB227 Web Applications  
ITB228 Enterprise Systems

**Year 4, Semester 1**

EFB211 Firms, Markets and Resources  
Business Double Major / Extended Major / Specialisation unit  
ITB241 Information Technology Management  
IT Elective Unit

**Year 4, Semester 2**

EFB314 International Trade and Economic Competitiveness  
Business Double Major / Extended Major / Specialisation unit  
ITB240 Project (Information Systems)  
IT Elective Unit

**Year 5, Semester 1**

Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit  
IT Elective Unit  
IT Elective Unit

**Business Faculty Core units:**

Students must choose 2 of the following Faculty core units:

BSB111 Business Law and Ethics  
BSB114 Government, Business and Society  
BSB119 International and Electronic Business  
BSB126 Marketing

**Electronic Business****Year 1, Semester 1**

BSB113 Economics  
BSB119 International and Electronic Business  
ITB111 Software Development 1  
ITB115 Introduction to Databases

**Year 1, Semester 2**

BSB115 Management, People and Organisations  
Choice of Business Faculty Core unit  
ITB113 Systems Architecture  
ITB116 IT Professional Studies 1

**Year 2, Semester 1**

BSB111 Business Law and Ethics  
BSB212 Electronic Business Applications  
ITB117 IT Professional Studies 2  
ITB118 ICT Systems Life Cycle

**Year 2, Semester 2**

BSB110 Accounting  
BSB213 Legal Issues in Electronic Business  
ITB222 Business Systems Analysis  
ITB232 Database Systems

**Year 3, Semester 1**

MGB334 Managing in a Changing Environment  
Business Double Major Unit  
ITB218 Applications Programming  
ITB229 Information Systems Modelling

**Year 3, Semester 2**

BSB314 E-Business Intelligence  
Business Double Major unit  
ITB227 Web Applications  
ITB228 Enterprise Systems

**Year 4, Semester 1**

Electronic Business Elective  
Business Double Major unit  
ITB241 Information Technology Management  
IT Elective Unit

**Year 4, Semester 2**

Electronic Business Elective  
Business Double Major unit  
ITB240 Project (Information Systems)  
IT Elective Unit

**Year 5, Semester 1**

Business Double Major Unit  
Business Double Major Unit  
IT Elective Unit  
IT Elective Unit

**Electronic Business Elective units:**

Students must choose 2 from the following units:

AMB230 Internet Promotion  
AYB221 Computerised Accounting Systems  
IBB303 International Logistics  
MGB304 Human Resource Information Management  
MGB216 Managing Technology, Innovation and Knowledge

**Business Faculty Core units:**

Students must choose 1 of the following Faculty Core units:

BSB114 Government, Business and Society  
BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

**Human Resource Management****Year 1, Semester 1**

BSB113 Economics  
BSB115 Management, People and Organisations  
ITB111 Software Development 1  
ITB115 Introduction to Databases

**Year 1, Semester 2**

BSB110 Accounting  
MGB222 Managing Organisations  
ITB113 Systems Architecture  
ITB116 IT Professional Studies 1

**Year 2, Semester 1**

Choice of Business Faculty Core unit  
Choice of Business Faculty Core unit  
ITB117 IT Professional Studies 2  
ITB118 ICT Systems Life Cycle

**Year 2, Semester 2**

MGB220 Management Research Methods  
Choice of Business Faculty Core unit  
ITB222 Business Systems Analysis

ITB232 Database Systems

**Year 3, Semester 1**

MGB207 Human Resource Issues and Strategy

MGB211 Organisational Behaviour

ITB218 Applications Programming

ITB229 Information Systems Modelling

**Year 3, Semester 2**

Business Double Major / Extended Major / Specialisation Unit

Business Double Major / Extended Major / Specialisation Unit

ITB227 Web Applications

ITB228 Enterprise Systems

**Year 4, Semester 1**

MGB314 Organisational Consulting and Change

Business Double Major / Extended Major / Specialisation unit

ITB241 Information Technology Management

IT Elective Unit

**Year 4, Semester 2**

MGB309 Strategic Management

Business Double Major / Extended Major / Specialisation unit

ITB240 Project (Information Systems)

IT Elective Unit

**Year 5, Semester 1**

Business Double Major / Extended Major / Specialisation unit

Business Double Major / Extended Major / Specialisation Unit

IT Elective Unit

IT Elective Unit

**Business Faculty Core units:**

Students must choose 3 of the following Faculty Core units:

BSB111 Business Law and Ethics

BSB114 Government, Business and Society

BSB119 International and Electronic Business

BSB122 Quantitative Analysis and Finance

BSB126 Marketing

The units AMB201 Market and Audience Research and MGB220

Management Research Methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**International Business****Year 1, Semester 1**

BSB113 Economics

BSB119 International and Electronic Business

ITB111 Software Development 1

ITB115 Introduction to Databases

**Year 1, Semester 2**

BSB115 Management, People and Organisations

BSB126 Marketing

ITB113 Systems Architecture

ITB116 IT Professional Studies 1

**Year 2, Semester 1**

BSB110 Accounting

IBB210 Export Management

ITB117 IT Professional Studies 2

ITB118 ICT Systems Life Cycle

**Year 2, Semester 2**

IBB202 International Business Development and Finance

Choice of Business Faculty core unit

ITB222 Business Systems Analysis

ITB223 4GL Systems

**Year 3, Semester 1**

IBB213 International Marketing

Business Double Major / Extended Major / Specialisation Unit

ITB218 Applications Programming

ITB229 Information Systems Modelling

**Year 3, Semester 2**

IBB300 International Business Strategy

Business Double Major / Extended Major / Specialisation Unit

ITB227 Web Applications

ITB228 Enterprise Systems

**Year 4, Semester 1**

International Business Area Study 1

Business Double Major / Extended Major / Specialisation unit

ITB241 Information Technology Management

IT Elective Unit

**Year 4, Semester 2**

International Business Area Study 2

Business Double Major / Extended Major / Specialisation unit

ITB240 Project (Information Systems)

IT Elective Unit

**Year 5, Semester 1**

Business Double Major / Extended Major / Specialisation Unit

Business Double Major / Extended Major / Specialisation Unit

IT Elective Unit

IT Elective Unit

**International Business Area Study Units:**

Students must choose one of the following pairs of area study units:

IBB208 European Business Development

IBB308 Contemporary Business in Europe, or

IBB217 Asian Business Development

IBB317 Contemporary Business in Asia

**Business Faculty Core units:**

Students must choose one of the following Faculty Core units:

BSB111 Business Law and Ethics

BSB114 Government, Business and Society

BSB122 Quantitative Analysis and Finance

**Management****Year 1, Semester 1**

BSB113 Economics

BSB115 Management, People and Organisations

ITB111 Software Development 1

ITB115 Introduction to Databases

**Year 1, Semester 2**

BSB110 Accounting

MGB222 Managing Organisations

ITB113 Systems Architecture

ITB116 IT Professional Studies 1

**Year 2, Semester 1**

Choice of Business Faculty core unit

Choice of Business Faculty core unit

ITB117 IT Professional Studies 2

ITB118 ICT Systems Life Cycle

**Year 2, Semester 2**

MGB220 Management Research Methods

Choice of Business Faculty Core unit

ITB222 Business Systems Analysis

ITB232 Database Systems

**Year 3, Semester 1**

MGB210 Production and Service Management

MGB211 Organisational Behaviour

ITB218 Applications Programming

ITB229 Information Systems Modelling

**Year 3, Semester 2**

MGB334 Managing in a Changing Environment

Business Double Major / Extended Major / Specialisation Unit

ITB227 Web Applications

ITB228 Enterprise Systems

**Year 4, Semester 1**

Business Double Major / Extended Major / Specialisation unit

Business Double Major / Extended Major / Specialisation unit

ITB241 Information Technology Management

IT Elective Unit

**Year 4, Semester 2**

MGB309 Strategic Management

Business Double Major / Extended Major / Specialisation unit

ITB240 Project (Information Systems)

IT Elective Unit

**Year 5, Semester 1**

Business Double Major / Extended Major / Specialisation Unit

Business Double Major / Extended Major / Specialisation Unit

IT Elective Unit

IT Elective Unit

**Business Faculty Core units:**

Students must choose three of the following Faculty Core units:

BSB111	Business Law and Ethics
BSB114	Government, Business and Society
BSB119	International and Electronic Business
BSB122	Quantitative Analysis and Finance
BSB126	Marketing

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

## Marketing

### Year 1, Semester 1

BSB115	Management, People and Organisations
BSB126	Marketing
ITB111	Software Development 1
ITB115	Introduction to Databases

### Year 1, Semester 2

BSB110	Accounting
BSB113	Economics
ITB113	Systems Architecture
ITB116	IT Professional Studies 1

### Year 2, Semester 1

AMB200	Consumer Behaviour Choice of Business Faculty Core unit
ITB117	IT Professional Studies 2
ITB118	ICT Systems Life Cycle

### Year 2, Semester 2

AMB201	Marketing and Audience Research Choice of Business Faculty Core unit
ITB222	Business Systems Analysis
ITB232	Database Systems

### Year 3, Semester 1

AMB240	Marketing Planning and Management Business Double Major / Extended Major / Specialisation Unit
ITB218	Applications Programming
ITB229	Information Systems Modelling

### Year 3, Semester 2

AMB241	E-Marketing Strategies Business Double Major / Extended Major / Specialisation Unit
ITB227	Web Applications
ITB228	Enterprise Systems

### Year 4, Semester 1

AMB340	Services Marketing Business Double Major / Extended Major / Specialisation unit
ITB241	Information Technology Management IT Elective Unit

### Year 4, Semester 2

AMB341	Strategic Marketing Business Double Major / Extended Major / Specialisation unit
ITB240	Project (Information Systems) IT Elective Unit

### Year 5, Semester 1

	Business Double Major / Extended Major / Specialisation unit
	Business Double Major / Extended Major / Specialisation Unit
	IT Elective Unit
	IT Elective Unit

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

## Public Relations

### Year 1, Semester 1

BSB115	Management, People and Organisations
BSB126	Marketing
ITB111	Software Development 1
ITB115	Introduction to Databases

### Year 1, Semester 2

BSB110	Accounting
BSB113	Economics
ITB113	Systems Architecture
ITB116	IT Professional Studies 1

### Year 2, Semester 1

AMB201	Marketing and Audience Research Choice of Business Faculty Core unit
ITB117	IT Professional Studies 2
ITB118	ICT Systems Life Cycle

### Year 2, Semester 2

AMB260	Public Relations Theory and Practice Choice of Business Faculty Core unit
ITB222	Business Systems Analysis
ITB232	Database Systems

### Year 3, Semester 1

AMB261	Media Relations and Publicity Business Double Major / Extended Major / Specialisation Unit
ITB218	Applications Programming
ITB229	Information Systems Modelling

### Year 3, Semester 2

AMB262	Public Relations Writing Business Double Major / Extended Major / Specialisation Unit
ITB227	Web Applications
ITB228	Enterprise Systems

### Year 4, Semester 1

AMB360	Corporate Communication Management Business Double Major / Extended Major / Specialisation unit
ITB241	Information Technology Management IT Elective Unit

### Year 4, Semester 2

AMB361	Public Relations Campaigns Business Double Major / Extended Major / Specialisation unit
ITB240	Project (Information Systems) IT Elective Unit

### Year 5, Semester 1

	Business Double Major / Extended Major / Specialisation unit
	Business Double Major / Extended Major / Specialisation Unit
	IT Elective Unit
	IT Elective Unit

### Business Faculty Core units:

Students must choose two of the following Faculty Core units:

BSB111	Business Law and Ethics
BSB114	Government, Business and Society
BSB119	International and Electronic Business
BSB122	Quantitative Analysis and Finance

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

## IT Elective Units

Please refer to the IT Elective Units listed under the **Bachelor of Applied Science/Bachelor of Information Technology (IF29)**.

## ■ Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)

**Award title:** Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology

**CRICOS code:** 040317C

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Greg Hooper (Creative Industries) ; Dr Alan Tickle (Info Tech)

## Cooperative Education Program

An optional one-year period of paid work experience in an area of information technology is available to eligible full-time students. The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Companies that QUT's

Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ and Sun Microsystems.

For more information visit the Faculty's Cooperative Education program home page at [www.fit.qut.edu.au/courses/undergrad/coop/](http://www.fit.qut.edu.au/courses/undergrad/coop/)

### Professional Recognition

Graduates of the Bachelor of Information Technology component meet the knowledge requirements for admission to the Australian Computer Society (ACS).

### Course Structure

#### Year 1, Semester 1

KIB801	Foundations Of Communication Design 1
ITB116	IT Professional Studies 1
ITB111	Software Development 1
ITB113	Systems Architecture

#### Year 1, Semester 2

	Creative Industries Core Unit
KIB802	Foundations Of Communication Design 2
ITB112	Software Development 2
ITB115	Introduction to Databases

#### Year 2, Semester 1

	Creative Industries Core Unit
KIB803	Temporal Media
KIB807	Media Technology 1
ITB114	Networking Systems

#### Year 2, Semester 2

KIB804	3-D Animation 1
KIB808	Media Technology 2
ITB229	Information Systems Modelling
ITB610	Software Development 3

#### Year 3, Semester 1

	Creative Industries Elective
KIB805	Design Project A
ITB611	Object Technology
ITB624	Internetworking

#### Year 3, Semester 2

KIB812	Interdisciplinarity for the Creative Industries
ITB612	Software Engineering Principles
ITB272	Information Technology Project Management
ITB648	Graphics

#### Year 4, Semester 1

KIB809	Interaction Design
KIB056-1	Professional Practice (1/2)
KIB860-1	Project, or
ITB844-1	IT Project
ITB649	Object Modelling for Games Design

#### Year 4, Semester 2

KIB810	Information Architecture
KIB056-2	Professional Practice (2/2)
KIB860-2	Project, or
ITB844-2	IT Project
	IT Elective Unit

### IT Elective Units

Please refer to the IT Elective Units listed under the **Bachelor of Applied Science/Bachelor of Information Technology (IF29)**.

### Creative Industries Open Electives

#### Creative Industries Faculty Elective List

These unit offerings are current at the time of publication but are subject to change. Creative Industries students may choose elective units from the following list OR from outside the Faculty area subject to the following guidelines:

- students cannot select a unit that forms part of the compulsory units of their course or the compulsory units of their chosen submajor area.
- students must obey any elective rules as set out in their course summary sheet
- students must have successfully completed any pre/co-requisite units applicable
- the offering of elective units is subject to sufficient student enrolment numbers and staff availability
- some units are subject to quota restrictions

### Semester 1

	Media & Communication Discipline
KCB101	Communication in the New Economy
KCB140	Media and Society: From Printing Press to Internet
KCB295	Virtual Cultures
KCB311	Political Communication
	Dance Discipline
KDB125	Deconstructing Dance In History
KDB172	World Dance
KDX104	Architecture of the Body
	Journalism Discipline
KJB121	Journalistic Inquiry
	Music & Sound Discipline
KMB631	World Music
KMB640	Sex Drugs Rock N Roll
	Film & Television Discipline
KPB118	Photomedia: Traditions and Techniques
KPB130	Media Text Analysis
KPB209	Australian Television
KPB314	Media Business
KPB343	Australian Film
KPB359	Film History
	Acting & Technical Production Disciplines
KSB259	The Performance Instrument: Body and Voice
KSB278	Technical Theatre
	Performance Studies Discipline
KTB061	Creative Industries Management
KTB208	Elements of Drama
KTB252	The Sound of Theatre
KTB253	Staging Australia
KTB275	Understanding Performance
	Visual Arts Discipline
KVB444	Contemporary Asian Visual Culture
KVB447	Drawing
KVB457	Sculpture
KVB503	Clay Materials
KVB507	Painting
KVB509	Photomedia and Artistic Practice
KVB511	Printmaking
KVB702	Australian and Indigenous Art
KVB712	Contemporary Art Issues
	Creative Writing and Cultural Studies Discipline
KWB111	Media Writing
KWB250	Introduction to Creative Writing
KWB315	Persuasive Writing
KWB321	Modern Times: Literature and Culture in the 20th Century
KWB350	Creative Writing: The Short Story
KWB381	Creative Nonfiction: Arts, Humour, Travel
KWB625	American Stories
KWB716	Introduction to Literary Theory and Cultural Studies
KWB724	Wonderlands: Literature and Culture in the 19th Century

### Semester 2

	Media & Communication Discipline
KCB101	Communication in the New Economy
KCB204	Globalisation and New Media
KCB336	New Media Technologies
	Dance Discipline
KDB106	Dance Analysis
KDB114	Australian Dance
KDB176	Popular Dance Styles
	Journalism Discipline
KJB101	Journalism Information Systems
KJB120	Newsriting
	Faculty Offering
KKB275	Creative Industries Legal Issues
	Music & Sound Discipline
KMB619	Music And Sound Technology
KMB638	Sound And Image
KMB650	Introductory Ensemble
KMB667	Music and Spirituality
	Film & Television Discipline
KPB118	Photomedia: Traditions and Techniques
KPB141	Film And Television Languages
KPB305	American Film: Genres and Directors
KPB344	International Cinema
KPB358	Documentary Theory And Practice
	Acting & Technical Production Disciplines
KSB278	Technical Theatre
	Performance Studies Discipline



KTBO56	Professional Studies: Performing Self
KTBO62	Creative Industries Events & Festivals
KTB251	20th Century Performance
KTB271	Studies in Directing Visual Arts Discipline
KVB457	Sculpture
KVB447	Drawing
KVB503	Clay Materials
KVB507	Painting
KVB509	Photomedia and Artistic Practice
KVB511	Printmaking
KVB701	Modernism
KVB703	Video Art and Culture
KVB704	Theories of Spatial Culture Creative Writing & Cultural Studies Discipline
KWB111	Media Writing
KWB314	Corporate Writing and Editing
KWB350	Creative Writing: The Short Story
KWB380	Creative Nonfiction: Life Writing
KWB701	Indigenous Writing
KWB710	Ozlit
KWB712	Youth and Children's Writing
KWB725	Popular Fictions, Popular Culture
KWB729	Shakespeare: Then and Now

## ■ Bachelor of Creative Industries (Creative Writing) / Bachelor of Laws (IF93)

**Award title:** Bachelor of Creative Industries (Creative Writing) / Bachelor of Laws

**CRICOS code:** 040289B

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 48 (Semesters 3, 4, 5, 6, 9, 10) 60 (Semesters 1, 2, 7, 8)

**Course coordinator:** Creative Writing -Dr Sharyn Pearce: Law - Director, Undergraduate Programs

**Discipline coordinator:** Creative Industries - Aspro Philip Neilsen

### Professional Recognition

The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposes of the Solicitors' and Barristers' Admission Rules.

### Course Structure

#### Year 1, Semester 1

KWB250	Introduction to Creative Writing
KWB111	Media Writing Creative Industries Core Unit
LWB141	Introduction to Legal Research
LWB142	Legal Institutions and Method
LWB142	Law, Society and Justice

#### Year 1, Semester 2

KWB350	Creative Writing: The Short Story Creative Industries Core Unit
LWB143	Legal Research and Writing
LWB144	Laws and Global Perspectives Select one of the following:
KJB224	Feature Writing
KWB314	Corporate Writing and Editing

#### Year 2, Semester 1

KWB229	Film and Television Scriptwriting Creative Industries Elective
KWB315	Persuasive Writing
LWB136	Contracts A

#### Year 2, Semester 2

KWB380	Creative Nonfiction: Life Writing Creative Industries Elective
LWB137	Contracts B Select one of the following:
KWB314	Corporate Writing and Editing
KWB712	Youth and Children's Writing

#### Year 3, Semester 1

KWB370	Electronic Writing
KWB381	Creative Nonfiction: Arts, Humour, Travel

LWB138	Fundamentals of Torts
LWB238	Fundamentals of Criminal Law

#### Year 3, Semester 2

KWB399	The Writing and Publishing Industry
KWB395	Creative Writing Project 1
LWB139	Select Issues in Torts
LWB239	Criminal Responsibility

#### Year 4, Semester 1

LWB231	Introduction to Public Law
LWB236	Real Property A
LWB240	Principles of Equity
LWB332	Commercial and Personal Property Law
LWB333	Theories of Law

#### Year 4, Semester 2

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB331	Administrative Law
LWB334	Corporate Law

#### Year 5, Semester 1

LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research and Legal Reasoning Law Elective Units

#### Year 5, Semester 2

LWB433	Professional Responsibility Law Elective Units x 5
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### List A: Creative Industries Core Units

KKB008	Narrative in the Creative Industries
KKB018	Creative Industries
KKB418	Cultures and Creativity
KKB618	Writing For Creative Industries
KKB818	Introduction To Multimedia Technology

### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives listed under the **Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)**.

## ■ Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IX05)

**Award title:** Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary)

**CRICOS code:** 040314F

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average)

**Course coordinator:** Creative Industries: Mr Evan Jones;  
Education Coordinator: Dr Peter Bond

**Discipline coordinator:** Creative Industries: Aspro Cheryl Stock

### Professional Recognition

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Dance with STA in English, Film and Media, Geography, History or LOTE

#### Year 1, Semester 1

KDB180	Creative Industries Core Unit - List A
KDB125	Dance Technique Studies 1
KDX104	Deconstructing Dance In History
KDX104	Architecture of the Body Second Teaching Area Unit

#### Year 1, Semester 2

Creative Industries Core Unit - List A

KDB181 Dance Technique Studies 2  
KDX143 Choreographic Studies 1  
KDB106 Dance Analysis  
Second Teaching Area Unit

#### **Year 2, Semester 1**

KDB182 Dance Technique Studies 3  
KDB117 Dance in Education  
KDB172 World Dance  
KDX144-1 Choreographic Studies 2  
Second Teaching Area Unit

#### **Year 2, Semester 2**

KDB183 Dance Technique Studies 4  
KDB114 Australian Dance  
KDX144-2 Choreographic Studies 2  
Second Teaching Area Unit  
Select two of the following two units  
KDB171 Theatre Dance Styles  
KDB176 Popular Dance Styles  
KDB221 Integrated Professional Skills

### **Dance with STA in Drama**

#### **Year 1, Semester 1**

Creative Industries Core Unit - List A  
KDB180 Dance Technique Studies 1  
KDX104 Architecture of the Body  
KDB125 Deconstructing Dance In History  
KTB257 Studies in Acting 1

#### **Year 1, Semester 2**

Creative Industries Core Unit - List A  
KDB181 Dance Technique Studies 2  
KDX143 Choreographic Studies 1  
KDB106 Dance Analysis  
KTB251 20th Century Performance

#### **Year 2, Semester 1**

KDB182 Dance Technique Studies 3  
KDX144-1 Choreographic Studies 2  
KDB117 Dance in Education  
KTB253 Staging Australia  
KTB214 Process Drama

#### **Year 2, Semester 2**

KDB183 Dance Technique Studies 4  
KDB114 Australian Dance  
KTB280 Drama as Social Action  
KTB304 Forming Knowledge  
KDX144-2 Choreographic Studies 2  
Select one of the following units:  
KDB171 Theatre Dance Styles  
KDB176 Popular Dance Styles  
KDB221 Integrated Professional Skills

### **Dance with STA in Music**

#### **Year 1, Semester 1**

Creative Industries Core Unit - List A  
KDB180 Dance Technique Studies 1  
KDX104 Architecture of the Body  
KDB125 Deconstructing Dance In History  
Select one of the following units:  
KMB621 Sound Recording And Acoustics  
KMB631 World Music  
KMB640 Sex Drugs Rock N Roll

#### **Year 1, Semester 2**

Creative Industries Core Unit - List A  
KDB181 Dance Technique Studies 2  
KDB106 Dance Analysis  
KDX143 Choreographic Studies 1  
KMB619 Music And Sound Technology

#### **Year 2, Semester 1**

KDB182 Dance Technique Studies 3  
KDX144-1 Choreographic Studies 2  
KDB117 Dance in Education  
KMB632 Core Musicianship 1  
Select one of the following units:  
KMB621 Sound Recording And Acoustics  
KMB631 World Music  
KMB640 Sex Drugs Rock N Roll

#### **Year 2, Semester 2**

KDB183 Dance Technique Studies 4  
KDB114 Australian Dance  
KDX144-2 Choreographic Studies 2

KMB633 Core Musicianship 2  
Select one of the following units:  
KMB648 The Music Scene  
KMB638 Sound And Image  
Select one of the following units:  
KDB176 Popular Dance Styles  
KDB221 Integrated Professional Skills  
KDB171 Theatre Dance Styles

### **Dance with STA in Visual Arts**

#### **Year 1, Semester 1**

Creative Industries Core Unit - List A  
KDB180 Dance Technique Studies 1  
KDX104 Architecture of the Body  
KDB125 Deconstructing Dance In History  
Select one of the following units:  
KVB447 Drawing  
KVB457 Sculpture  
KVB503 Clay Materials  
KVB507 Painting  
KVB509 Photomedia and Artistic Practice

#### **Year 1, Semester 2**

Creative Industries Core Unit - List A  
KDB181 Dance Technique Studies 2  
KDB106 Dance Analysis  
KDX143 Choreographic Studies 1  
KVB701 Modernism

#### **Year 2, Semester 1**

KDB182 Dance Technique Studies 3  
KDX144-1 Choreographic Studies 2  
KDB117 Dance in Education  
KVB702 Australian and Indigenous Art  
Select one of the following units:  
KVB447 Drawing  
KVB457 Sculpture  
KVB503 Clay Materials  
KVB507 Painting  
KVB509 Photomedia and Artistic Practice

#### **Year 2, Semester 2**

KDB183 Dance Technique Studies 4  
KDB114 Australian Dance  
KDX144-2 Choreographic Studies 2  
Select one of the following units:  
KDB176 Popular Dance Styles  
KDB221 Integrated Professional Skills  
Select two of the following units:  
KVB447 Drawing  
KVB457 Sculpture  
KVB503 Clay Materials  
KVB507 Painting  
KVB509 Photomedia and Artistic Practice

### **List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries  
KKB018 Creative Industries  
KKB418 Cultures and Creativity  
KKB618 Writing For Creative Industries  
KKB818 Introduction To Multimedia Technology

### **EDUCATION COMPONENT**

#### **Year 3, Semester 1**

EDB002 Teaching and Learning Studies 2: Development and Learning  
EDB031 Secondary Field Studies 1: Development and Learning in the Field  
KDB201 Dance Curriculum Studies 1  
Curriculum Studies 1Y

#### **Year 3, Semester 2**

EDB003 Teaching and Learning Studies 3: Practising Education  
EDB032 Secondary Field Studies II: Practising Education in the Field  
KDB202 Dance Curriculum Studies 2  
Curriculum Studies 2Y

#### **Year 4, Semester 1**

EDB004 Teaching and Learning Studies IV: Inclusive Education  
EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
KDB203 Dance Curriculum Studies 3  
Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies VI: Professional Work of Teachers: Induction into Practice
- EDB035 Internship (Secondary) Education Elective

**Curriculum Studies - Second Teaching Area****Curriculum Studies 1**

- KVB301 Art Curriculum Studies 1
- KTB201 Drama Curriculum Studies 1
- CLB018 English Curriculum Studies 1
- CLB024 Film and Media Curriculum Studies 1
- CLB027 Geography Curriculum Studies 1
- CLB030 History Curriculum Studies 1
- CLB036 LOTE Curriculum Studies 1
- KMB201 Music Curriculum Studies 1

**Curriculum Studies 2**

- KVB302 Art Curriculum Studies 2
- KTB202 Drama Curriculum Studies 2
- CLB019 English Curriculum Studies 2
- CLB025 Film and Media Curriculum Studies 2
- CLB028 Geography Curriculum Studies 2
- CLB031 History Curriculum Studies 2
- CLB037 LOTE Curriculum Studies 2
- KMB202 Music Curriculum Studies 2

**Curriculum Studies 3**

- KVB303 Art Curriculum Studies 3
- KTB203 Drama Curriculum Studies 3
- CLB020 English Curriculum Studies 3
- CLB026 Film and Media Curriculum Studies 3
- CLB029 Geography Curriculum Studies 3
- CLB032 History Curriculum Studies 3
- CLB038 LOTE Curriculum Studies 3
- KMB203 Music Curriculum Studies 3

**Second Teaching Area Units****English (48 credit points)**

- Required Unit
- CLB320 Studies In Language
- Up to 12 credit points from Introductory Level Units:
- KCB140 Media and Society: From Printing Press to Internet
- KWB716 Introduction to Literary Theory and Cultural Studies
- No less than 24 credit points from Advanced Level Units
- CLB321 Writing Workshop
- CLB322 Literature In Secondary Teaching
- CLB323 Teaching Adolescent Literature
- KWB625 American Stories
- KWB710 Ozlit
- KWB712 Youth and Children's Writing
- KWB724 Wonderlands: Literature and Culture in the 19th Century
- KWB725 Popular Fictions, Popular Culture
- KWB729 Shakespeare: Then and Now

**Film and Media (48 credit points)**

- Two units from FTV Production
- KPB141 Film And Television Languages
- KPB155 Media Production
- KPB260 Community And Educational Video
- KPB314 Media Business
- KPB118 Photomedia: Traditions and Techniques, or
- KPB358 Documentary Theory And Practice
- Plus two from the following Screen Studies units
- KPB130 Media Text Analysis
- KPB209 Australian Television
- KPB343 Australian Film
- KPB305 American Film: Genres and Directors
- KPB359 Film History
- KPB344 International Cinema

**Geography (48 credit points)**

- Up to 24 credit points from Introductory Units
- HHB127 Environment And Society
- HHB107 World Regions
- HHB228 Environmental Hazards
- HHB251 Australian Resource Management (not offered 2005)
- No less than 24 credit points from Advanced Units
- HHB250 Australian Geographical Studies
- HHB229 Windows On Japan
- HHB269 Ethics, Technology And The Environment

**HHB244 Southeast Asia In Focus****History (48 credit points)**

**Note:** Students should seek to select units from each of areas of Australian, Asian, European and the Ancient World. Students should check with QUT Carseldine Faculty on availability of units.

- Up to 24 credit points from Introductory Units
- HHB121 Interpreting The Past
- HHB122 Colonialism And Independence In Asia Pacific
- No less than 24 credit points from Advanced Units
- HHB238 Asian Society and Culture (not offered 2005)
- HHB245 Australia and the South Pacific (not offered 2005)
- HHB315 Sex and Drugs in Southeast Asia (not offered 2005)
- HHB248 The USA and The Asia Pacific Region
- HHB259 War and Revolution in Europe 1914-45 (not offered 2005)
- HHB246 Modern China
- HHB237 Brisbane in the Twentieth Century
- HHB253 Conspiracy And Dissent In Australian History
- HHB257 The Classical World
- HHB258 Foundations of Modern Europe
- HHB260 Nations and Nationalism in Modern Europe (not offered 2005)
- HHB261 Medieval Europe
- HHB109 Australian Historical Studies
- HHB239 Korean Culture and Societies (not offered 2005)

**Languages other than English**

- Indonesian
- HHB073 Indonesian 3
- HHB074 Indonesian 4
- HHB075 Indonesian 5
- HHB076 Indonesian 6
- Japanese
- HHB083 Japanese 3
- HHB084 Japanese 4
- HHB085 Japanese 5
- HHB086 Japanese 6
- French
- HHB063 French 3
- HHB064 French 4
- HHB065 French 5
- HHB066 French 6
- German
- HHB093 German 3
- HHB094 German 4
- HHB095 German 5
- HHB096 German 6

## ■ Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IX06)

**Award title:** Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary)

**CRICOS code:** 040315E

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (Average)

**Course coordinator:** Creative Industries: Ms Christine Comans; Education: Dr Peter Bond

**Discipline coordinator:** Creative Industries: Aspro Judith McLean

**Professional Recognition**

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

**Field Experience Requirement**

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

**Drama with STA other than Dance, Music, Visual Art and LOTE****Year 1, Semester 1**

Creative Industries Faculty Core Unit - List A

- KTB214 Process Drama  
 KTB257 Studies in Acting 1  
 KSB259 The Performance Instrument: Body and Voice  
 Second Teaching Area Unit

**Year 1, Semester 2**

- KTB251 20th Century Performance  
 KTB271 Studies in Directing  
 KTB273 Performance 1  
 KSB278 Technical Theatre  
 Second Teaching Area Unit

**Year 2, Semester 1**

Creative Industries Core Unit - List A

- KTB253 Staging Australia  
 KTB308 Performance 2  
 Elective - List B  
 Second Teaching Area Unit

**Year 2, Semester 2**

- KTB272 Drama and Community Cultural Development  
 KTB280 Drama as Social Action  
 KTB304 Forming Knowledge  
 Elective - List B  
 Second Teaching Area Unit

**Year 3, Semester 1**

- EDB002 Teaching and Learning Studies 2: Development and Learning  
 EDB031 Secondary Field Studies 1: Development and Learning in the Field  
 KTB201 Drama Curriculum Studies 1  
 Curriculum Studies 1Y

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB032 Secondary Field Studies 2: Practising Education in the Field  
 KTB202 Drama Curriculum Studies 2  
 Curriculum Studies 2Y

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies 4: Inclusive Education  
 EDB033 Secondary Field Studies 3: Immersion in Inclusive Educational Practices  
 KTB203 Drama Curriculum Studies 3  
 Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
 EDB035 Internship (Secondary)  
 EDB007 Culture Studies: Indigenous Education

**Drama with STA in Dance****Year 1, Semester 1**

Creative Industries Core Unit - List A

- KTB214 Process Drama  
 KTB257 Studies in Acting 1  
 KSB259 The Performance Instrument: Body and Voice  
 KDX104 Architecture of the Body

**Year 1, Semester 2**

Creative Industries Core Unit - List A

- KDB114 Australian Dance  
 KTB251 20th Century Performance  
 KTB271 Studies in Directing  
 KTB273 Performance 1

**Year 2, Semester 1**

- KDB180 Dance Technique Studies 1  
 KDB117 Dance in Education  
 KTB253 Staging Australia  
 KTB308 Performance 2  
 KSB278 Technical Theatre

**Year 2, Semester 2**

- KDB106 Dance Analysis  
 KDX143 Choreographic Studies 1  
 KTB272 Drama and Community Cultural Development  
 KTB280 Drama as Social Action  
 KTB304 Forming Knowledge

**Year 3, Semester 1**

- EDB002 Teaching and Learning Studies 2: Development and Learning

- EDB031 Secondary Field Studies 1: Development and Learning in the Field

- KTB201 Drama Curriculum Studies 1

- KDB201 Dance Curriculum Studies 1

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 KTB202 Drama Curriculum Studies 2  
 KDB202 Dance Curriculum Studies 2

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
 KTB203 Drama Curriculum Studies 3  
 KDB203 Dance Curriculum Studies 3

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
 EDB035 Internship (Secondary)  
 EDB007 Culture Studies: Indigenous Education

**Drama with STA in LOTE****Year 1, Semester 1**

Creative Industries Core Unit - List A

- KTB214 Process Drama  
 KTB257 Studies in Acting 1  
 KSB259 The Performance Instrument: Body and Voice  
 LOTE Second Teaching Area Unit

**Year 1, Semester 2**

- KTB251 20th Century Performance  
 KTB271 Studies in Directing  
 KTB273 Performance 1  
 KSB278 Technical Theatre  
 LOTE Second Teaching Area Unit

**Year 2, Semester 1**

Creative Industries Core Unit - List A

- KTB253 Staging Australia  
 KTB308 Performance 2  
 LOTE Second Teaching Area Unit  
 Elective - List B

**Year 2, Semester 2**

- KTB272 Drama and Community Cultural Development  
 KTB280 Drama as Social Action  
 KTB304 Forming Knowledge  
 LOTE Second Teaching Area Unit  
 Elective - List B

**Year 3, Semester 1**

- EDB002 Teaching and Learning Studies 2: Development and Learning  
 EDB031 Secondary Field Studies 1: Development and Learning in the Field

- KTB201 Drama Curriculum Studies 1

- CLB036 LOTE Curriculum Studies 1

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 KTB202 Drama Curriculum Studies 2  
 CLB037 LOTE Curriculum Studies 2

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
 KTB203 Drama Curriculum Studies 3  
 CLB038 LOTE Curriculum Studies 3

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
 EDB035 Internship (Secondary)  
 EDB007 Culture Studies: Indigenous Education

**Drama with STA in Music****Year 1, Semester 1**

Creative Industries Core Unit - List A

- KTB214 Process Drama  
 KTB257 Studies in Acting 1  
 KSB259 The Performance Instrument: Body and Voice

- Select one unit from:
- KMB621 Sound Recording And Acoustics
- KMB631 World Music
- KMB640 Sex Drugs Rock N Roll

#### **Year 1, Semester 2**

- Creative Industries Core Unit - List A
- KTB251 20th Century Performance
- KTB271 Studies in Directing
- KTB273 Performance 1
- KMB619 Music And Sound Technology

#### **Year 2, Semester 1**

- KTB253 Staging Australia
- KTB308 Performance 2
- KMB632 Core Musicianship 1
- KSB278 Technical Theatre

Select one unit from:

- KMB621 Sound Recording And Acoustics
- KMB623 Conducting
- KMB631 World Music
- KMB640 Sex Drugs Rock N Roll

#### **Year 2, Semester 2**

- KTB272 Drama and Community Cultural Development
- KTB280 Drama as Social Action
- KTB304 Forming Knowledge
- KMB633 Core Musicianship 2

Select one unit from:

- KMB617 Arranging
- KMB638 Sound And Image
- KMB648 The Music Scene

#### **Year 3, Semester 1**

- EDB002 Teaching and Learning Studies 2: Development and Learning
- EDB031 Secondary Field Studies 1: Development and Learning in the Field
- KTB201 Drama Curriculum Studies 1
- KMB201 Music (Secondary) Curriculum Studies 1

#### **Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies II: Practising Education in the Field
- KTB202 Drama Curriculum Studies 2
- KMB202 Music (Secondary) Curriculum Studies 2

#### **Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education
- EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
- KTB203 Drama Curriculum Studies 3
- KMB203 Music (Secondary) Curriculum Studies 3

#### **Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
- EDB035 Internship (Secondary)
- EDB007 Culture Studies: Indigenous Education

### **Drama with STA in Visual Arts**

#### **Year 1, Semester 1**

- Creative Industries Core Unit - List A
- KTB214 Process Drama
- KTB257 Studies in Acting 1
- KSB259 The Performance Instrument: Body and Voice

Select one of the following:

- KVB447 Drawing
- KVB457 Sculpture
- KVB503 Clay Materials
- KVB509 Photomedia and Artistic Practice

#### **Year 1, Semester 2**

- Creative Industries Core Unit - List A
- KVB701 Modernism
- KTB251 20th Century Performance
- KTB271 Studies in Directing
- KTB273 Performance 1

#### **Year 2, Semester 1**

- KTB253 Staging Australia
- KSB278 Technical Theatre
- KTB308 Performance 2
- KVB702 Australian and Indigenous Art

Select one of the following:

- KVB447 Drawing
- KVB457 Sculpture

- KVB503 Clay Materials
- KVB509 Photomedia and Artistic Practice

#### **Year 2, Semester 2**

- KTB272 Drama and Community Cultural Development
- KTB280 Drama as Social Action
- KTB304 Forming Knowledge

Select two of the following units:

- KVB447 Drawing
- KVB457 Sculpture
- KVB503 Clay Materials
- KVB507 Painting
- KVB509 Photomedia and Artistic Practice

#### **Year 3, Semester 1**

- EDB002 Teaching and Learning Studies 2: Development and Learning
- EDB031 Secondary Field Studies 1: Development and Learning in the Field
- KTB201 Drama Curriculum Studies 1
- KVB301 Visual Art Curriculum Studies 1

#### **Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies II: Practising Education in the Field
- KTB202 Drama Curriculum Studies 2
- KVB302 Visual Art Curriculum Studies 2

#### **Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education
- EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices
- KTB203 Drama Curriculum Studies 3
- KVB303 Visual Art Curriculum Studies 3

#### **Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers
- EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
- EDB035 Internship (Secondary)
- EDB007 Culture Studies: Indigenous Education

### **List A: Creative Industries Core Units**

- KKB008 Narrative in the Creative Industries
- KKB018 Creative Industries
- KKB418 Cultures and Creativity
- KKB618 Writing For Creative Industries
- KKB818 Introduction To Multimedia Technology

### **List B Electives**

#### **Semester 1 Drama Electives**

IX06 students may choose either a Drama elective unit or a Creative Industries Faculty elective unit if/when on offer, provided it is not required as a Second Teaching Area (STA) unit.

- KTB061 Creative Industries Management
- KTB252 The Sound of Theatre
- KTB275 Understanding Performance
- KTB277 Physical Theatre
- KTB306 Directing for Theatre

#### **Semester 2 Drama Electives**

- KTB003 Applying Information Technology In The Drama Classroom
- KTB061 Creative Industries Management
- KTB062 Creative Industries Events & Festivals
- KTB258 Studies in Acting 2
- KTB307 Writing for Performance

### **Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives listed under the **Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)**.

### **Curriculum Studies - Second Teaching Area**

#### **Curriculum Studies 1**

- CLB018 English Curriculum Studies 1
- CLB024 Film and Media Curriculum Studies 1
- CLB027 Geography Curriculum Studies 1
- CLB030 History Curriculum Studies 1

#### **Curriculum Studies 2**

- CLB019 English Curriculum Studies 2
- CLB025 Film and Media Curriculum Studies 2
- CLB028 Geography Curriculum Studies 2
- CLB031 History Curriculum Studies 2

#### **Curriculum Studies 3**

- CLB020 English Curriculum Studies 3
- CLB026 Film and Media Curriculum Studies 3

CLB029 Geography Curriculum Studies 3  
CLB032 History Curriculum Studies 3

## Second Teaching Area Units

Please refer to the Second Teaching Area Units listed under the **Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IX05)**.

## ■ Bachelor of Creative Industries (Media and Communication)/Bachelor of Business (Advertising, International Business, Public Relations) (IF09)

**Award title:** Bachelor of Creative Industries (Media and Communication)/Bachelor of Business

**CRICOS code:** 040286E

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4.5/5 years (8 or 9 Semesters - Students may choose)

**Total credit points:** 432

**Standard credit points per semester (full-time):** 48 (Years 1 & 2), 60 (Years 3 & 4)

**Course coordinator:** Ms Jillian Clare (Creative Industries); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr Gayle Kerr (Advertising); Dr Beverley Kitching (International Business); Ms Robina Xavier (Public Relations)

### Professional Recognition

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership as follows:

- All majors: Chartered Secretaries Australia (CSA) - enrolment in the Graduate Diploma in Applied Corporate Governance.
- Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association and the Queensland Commercial Radio Association;
- International Business - Australian Institute of Export;
- Public Relations - Public Relations Institute of Australia.

### Course Design

Students are required to complete 432 credit points comprised of 192 credit points for the Bachelor of Creative Industries component, and 240 credit points for the Bachelor of Business component.

For the Creative Industries (Media & Communication) component, students must complete two (2) Creative Industries Faculty Core units (24 credit points) plus ten (10) Media and Communication Discipline units (120 credit points) plus four (4) Electives (48 credit points).

For the Business component, students must complete the 96 credit point Faculty Core Units together with a 72 credit point Major and a further 72 credit points in which the student must complete one of the following: Double Major, Extended Major or Specialisation.

### Course Structure

#### Advertising (8 semester Concurrent Model)

##### Year 1, Semester 1

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing  
KCB140 Media and Society: From Printing Press to Internet  
Creative Industries Core Unit - See List A

##### Year 1, Semester 2

AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice  
KCB101 Communication in the New Economy  
KCB150 Media and Communications Industries

##### Year 2, Semester 1

AMB222 Media Planning  
BSB119 International and Electronic Business

KCB213 Strategic Speech Communication  
Creative Industries Core Unit - See List A

##### Year 2, Semester 2

AMB221 Advertising Copywriting  
Business Double Major/Extended Major/Specialisation Unit  
KCB336 New Media Technologies  
Creative Industries Elective

##### Year 3, Semester 1

BSB113 Economics  
BSB115 Management, People and Organisations  
Business Double Major/Extended Major/Specialisation Unit

KCB349 Media Audiences  
KCB295 Virtual Cultures

##### Year 3, Semester 2

BSB110 Accounting  
BSB114 Government, Business and Society  
Business Double Major/Extended Major/Specialisation Unit  
KCB335 Managing Communication Resources  
Creative Industries Elective

##### Year 4, Semester 1

AMB320 Advertising Management  
BSB111 Business Law and Ethics  
Business Double Major/Extended Major/Specialisation  
KCB311 Political Communication  
Creative Industries Elective\*

##### Year 4, Semester 2

AMB321 Advertising Campaigns  
Business Double Major/Extended Major/Specialisation Unit  
Business Double Major/Extended Major/Specialisation Unit  
KCB204 Globalisation and New Media  
Creative Industries Elective

\*With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 or their degree as electives

#### Advertising (9 Semester Concurrent Model)

##### Year 1, Semester 1

BSB122 Quantitative Analysis and Finance  
BSB126 Marketing  
KCB140 Media and Society: From Printing Press to Internet  
Creative Industries Core Unit - See List A

##### Year 1, Semester 2

AMB200 Consumer Behaviour  
AMB220 Advertising Theory and Practice  
KCB101 Communication in the New Economy  
KCB336 New Media Technologies

##### Year 2, Semester 1

AMB222 Media Planning  
BSB119 International and Electronic Business  
KCB213 Strategic Speech Communication  
Creative Industries Core Unit - See List A

##### Year 2, Semester 2

AMB221 Advertising Copywriting  
Business Double Major / Extended Major / Specialisation Unit  
KCB150 Media and Communications Industries  
Creative Industries Elective

##### Year 3, Semester 1

BSB113 Economics  
BSB115 Management, People and Organisations  
KCB295 Virtual Cultures  
KCB349 Media Audiences

##### Year 3, Semester 2

BSB114 Government, Business and Society  
Business Double Major / Extended Major / Specialisation Unit  
KCB335 Managing Communication Resources  
Creative Industries Elective

##### Year 4, Semester 1

AMB320 Advertising Management  
Business Double Major / Extended Major / Specialisation  
Business Double Major / Extended Major / Specialisation Unit  
KCB311 Political Communication

##### Year 4, Semester 2

AMB321 Advertising Campaigns  
Business Double Major / Extended Major / Specialisation Unit  
KCB204 Globalisation and New Media  
Creative Industries Elective\*

### Year 5, Semester 1

BSB110	Accounting
BSB111	Business Law and Ethics
	Business Double Major / Extended Major / Specialisation Unit
	Creative Industries Elective*

\* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

### International Business (With No Language - 8 Semester Concurrent Model)

#### Year 1, Semester 1

BSB114	Government, Business and Society
BSB119	International and Electronic Business
KCB140	Media and Society: From Printing Press to Internet
	Creative Industries Core Unit - See List A

#### Year 1, Semester 2

BSB113	Economics
BSB115	Management, People and Organisations
KCB101	Communication in the New Economy
KCB150	Media and Communications Industries

#### Year 2, Semester 1

BSB110	Accounting
BSB126	Marketing
KCB213	Strategic Speech Communication
	Creative Industries Core Unit - See List A

#### Year 2, Semester 2

IBB202	International Business Development and Finance
IBB213	International Marketing
KCB336	New Media Technologies
	Creative Industries Core Unit - See List A

#### Year 3, Semester 1

IBB210	Export Management
	International Business Area Study 1
	Business Double Major / Extended Major / Specialisation Unit
KCB349	Media Audiences
KCB295	Virtual Cultures

#### Year 3, Semester 2

BSB122	Quantitative Analysis and Finance
	International Business Area Study 2
	Business Double Major / Extended Major / Specialisation Unit
KCB335	Managing Communication Resources
	Creative Industries Elective

#### Year 4, Semester 1

BSB111	Business Law and Ethics
	Business Double Major / Extended Major / Specialisation Unit
	Business Double Major / Extended Major / Specialisation Unit
KCB311	Political Communication
	Creative Industries Elective*

#### Year 4, Semester 2

IBB300	International Business Strategy
	Business Double Major / Extended Major / Specialisation Unit
	Business Double Major / Extended Major / Specialisation Unit
KCB204	Globalisation and New Media
	Creative industries Elective*

#### International Business Area Study Units

Students must complete one of the following pairs of area study units:

IBB208	European Business Development
IBB308	Contemporary Business in Europe, or
IBB217	Asian Business Development
IBB317	Contemporary Business in Asia

### International Business (With No Language - 9 Semester Concurrent Model)

#### Year 1, Semester 1

BSB114	Government, Business and Society
BSB119	International and Electronic Business
KCB140	Media and Society: From Printing Press to Internet
	Creative Industries Core Unit - See List A

#### Year 1, Semester 2

BSB113	Economics
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BSB115	Management, People and Organisations
KCB101	Communication in the New Economy
KCB336	New Media Technologies

#### Year 2, Semester 1

BSB110	Accounting
BSB126	Marketing
KCB213	Strategic Speech Communication
	Creative Industries Core Unit - See List A

#### Year 2, Semester 2

IBB202	International Business Development and Finance
IBB213	International Marketing
KCB150	Media and Communications Industries
	Creative Industries Elective

#### Year 3, Semester 1

IBB210	Export Management
	International Business Area Study 1
KCB349	Media Audiences
KCB295	Virtual Cultures

#### Year 3, Semester 2

BSB122	Quantitative Analysis and Finance
	International Business Area Study 2
KCB335	Managing Communication Resources
	Creative Industries Elective

#### Year 4, Semester 1

BSB111	Business Law and Ethics
	Business Double Major / Extended Major / Specialisation Unit
	Business Double Major / Extended Major / Specialisation Unit
KCB311	Political Communication

#### Year 4, Semester 2

IBB300	International Business Strategy
	Business Double Major / Extended Major / Specialisation Unit
KCB204	Globalisation and New Media
	Creative industries Elective*

#### Year 5, Semester 1

	Business Double Major/Extended Major/Specialisation Unit
	Business Double Major/Extended Major/Specialisation Unit
	Business Double Major/Extended Major/Specialisation Unit
	Creative Industries Elective*

#### International Business Area Study Units

Students must complete one of the following pairs of area study units:

IBB208	European Business Development
IBB308	Contemporary Business in Europe, or
IBB217	Asian Business Development
IBB317	Contemporary Business in Asia

\* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives

### International Business (With Language - 8 Semester Concurrent Model)

#### Year 1, Semester 1

BSB119	International and Electronic Business
	Language 1
KCB140	Media and Society: From Printing Press to Internet
	Creative Industries Core Unit - See List A

#### Year 1, Semester 2

BSB113	Economics
	Language 2
KCB101	Communication in the New Economy
KCB336	New Media Technologies

#### Year 2, Semester 1

BSB122	Quantitative Analysis and Finance
	Language 3
KCB213	Strategic Speech Communication
	Creative Industries Core Unit - See List A

#### Year 2, Semester 2

IBB202	International Business Development and Finance
	Language 4
KCB150	Media and Communications Industries
	Creative Industries Elective

#### Year 3, Semester 1

BSB114	Government, Business and Society
BSB126	Marketing
	Language 5, or
IBB205	Cross-Cultural Communication and Negotiation
KCB295	Virtual Cultures

KCB349 Media Audiences

**Year 3, Semester 2**

BSB110 Accounting

IBB213 International Marketing

Language 6, or

International Business Elective Unit (IBB2xx or IBB3xx)

KCB335 Managing Communication Resources

Creative Industries Elective

**Year 4, Semester 1**

BSB115 Management, People and Organisations

IBB210 Export Management

International Business Area Study 1

KCB311 Political Communication

Creative Industries Elective\*

**Year 4, Semester 2**

BSB111 Business Law and Ethics

IBB300 International Business Strategy

International Business Area Study 2

KCB204 Globalisation and New Media

Creative Industries Elective\*

**International Business Area Study Units**

Students must complete one of the following pairs of area study units:

IBB208 European Business Development

IBB308 Contemporary Business in Europe, or

IBB217 Asian Business Development

IBB317 Contemporary Business in Asia

\* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

**International Business (With Language - 9 Semester Concurrent Model)**

**Year 1, Semester 1**

BSB119 International and Electronic Business

Language 1

KCB140 Media and Society: From Printing Press to Internet

Creative Industries Core Unit - See List A

**Year 1, Semester 2**

BSB113 Economics

Language 2

KCB336 New Media Technologies

KCB101 Communication in the New Economy

**Year 2, Semester 1**

BSB122 Quantitative Analysis and Finance

Language 3

KCB213 Strategic Speech Communication

Creative Industries Core Unit - See List A

**Year 2, Semester 2**

IBB202 International Business Development and Finance

Language 4

KCB150 Media and Communications Industries

Creative Industries Elective

**Year 3, Semester 1**

BSB126 Marketing

Language 5, or

IBB205 Cross-Cultural Communication and Negotiation

KCB295 Virtual Cultures

KCB349 Media Audiences

**Year 3, Semester 2**

IBB213 International Marketing

Language 6, or

International Business Elective Unit (IBB2xx, IBB3xx)

KCB335 Managing Communication Resources

Creative Industries Elective

**Year 4, Semester 1**

BSB115 Management, People and Organisations

International Business Area Study 1

KCB311 Political Communication

Creative Industries Elective\*

**Year 4, Semester 2**

BSB114 Government, Business and Society

IBB300 International Business Strategy

International Business Area Study 2

KCB204 Globalisation and New Media

**Year 5, Semester 1**

BSB110 Accounting

BSB111 Business Law and Ethics

IBB210 Export Management

Creative Industries Elective\*

**International Business Area Study Units:**

Students must complete one of the following pairs of area study units:

IBB208 European Business Development

IBB308 Contemporary Business in Europe, or

IBB217 Asian Business Development

IBB317 Contemporary Business in Asia

\* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

**Public Relations (8 Semester Concurrent Model)**

**Year 1, Semester 1**

BSB122 Quantitative Analysis and Finance

BSB126 Marketing

KCB140 Media and Society: From Printing Press to Internet

Creative Industries Core Unit

**Year 1, Semester 2**

AMB260 Public Relations Theory and Practice

BSB119 International and Electronic Business

KCB101 Communication in the New Economy

KCB150 Media and Communications Industries

**Year 2, Semester 1**

AMB201 Marketing and Audience Research

AMB261 Media Relations and Publicity

KCB213 Strategic Speech Communication

Creative Industries Core Unit - See List A

**Year 2, Semester 2**

AMB262 Public Relations Writing

Business Double Major / Extended Major / Specialisation Unit

KCB336 New Media Technologies

Creative Industries Elective

**Year 3, Semester 1**

BSB113 Economics

BSB115 Management, People and Organisations

KCB295 Virtual Cultures

KCB349 Media Audiences

Business Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 2**

BSB110 Accounting

BSB114 Government, Business and Society

Business Double Major / Extended Major / Specialisation Unit

KCB335 Managing Communication Resources

Creative Industries Elective

**Year 4, Semester 1**

AMB360 Corporate Communication Management

BSB111 Business Law and Ethics

Business Double Major / Extended Major / Specialisation Unit

KCB311 Political Communication

Creative Industries Elective\*

**Year 4, Semester 2**

AMB361 Public Relations Campaigns

Business Double Major / Extended Major / Specialisation Unit

Business Double Major / Extended Major / Specialisation Unit

KCB204 Globalisation and New Media

Creative Industries Elective

\* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both AMB201 and MGB220 will be required to undertake an approved substitute unit to satisfy course requirements.

**Public Relations (9 Semester Concurrent Model)**

**Year 1, Semester 1**

BSB122 Quantitative Analysis and Finance

BSB126 Marketing

KCB140 Media and Society: From Printing Press to Internet

Creative Industries Core Unit - List A



**Year 1, Semester 2**

AMB260	Public Relations Theory and Practice
BSB119	International and Electronic Business
KCB101	Communication in the New Economy
KCB336	New Media Technologies

**Year 2, Semester 1**

AMB201	Marketing and Audience Research
AMB261	Media Relations and Publicity
KCB213	Strategic Speech Communication
	Creative Industries Core Unit - See List A

**Year 2, Semester 2**

AMB262	Public Relations Writing
	Business Double Major / Extended Major / Specialisation Unit
KCB150	Media and Communications Industries
	Creative Industries Elective

**Year 3, Semester 1**

BSB113	Economics
	Business Double Major / Extended Major / Specialisation Unit
KCB295	Virtual Cultures
KCB349	Media Audiences

**Year 3, Semester 2**

BSB115	Management, People and Organisations
	Business Double Major / Extended Major / Specialisation Unit
KCB335	Managing Communication Resources
	Creative Industries Elective

**Year 4, Semester 1**

AMB360	Corporate Communication Management
BSB110	Accounting
	Business Double Major / Extended Major / Specialisation Unit
KCB311	Political Communication

**Year 4, Semester 2**

AMB361	Public Relations Campaigns
	Business Double Major / Extended Major / Specialisation Unit
KCB204	Globalisation and New Media
	Creative Industries Elective*

**Year 5, Semester 1**

BSB111	Business Law and Ethics
BSB114	Government, Business and Society
	Business Double Major / Extended Major / Specialisation Unit
	Creative Industries Elective*

\* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking a double major in HRM or Management should consult with the school of their major for enrolment advice. From Semester 2, 2003 students who complete both AMB201 and MGB220 will be required to undertake an approved substitute unit to satisfy course requirements.

**List A: Creative Industries Core Units**

KKB008	Narrative in the Creative Industries
KKB018	Creative Industries
KKB418	Cultures and Creativity
KKB618	Writing For Creative Industries
KKB818	Introduction To Multimedia Technology

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives listed under the **Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)**.

**List of Languages**

The same language must be studied for at least four levels and unit codes are sequential (eg. French HHB061, HHB062, HHB063, HHB064). With the permission of the Major Coordinator, and where available, languages other than those listed may be taken, including languages studied at another university. International students must take a language that is not their native tongue. The language units are as follows:

**FRENCH**

1. Students without Year 12 Language qualifications in French should undertake the following unit sequence:

HHB061	French 1
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HHB062	French 2
HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6

2. Students with Year 12 Language qualifications or equivalent in French should undertake the following unit sequence:

HHB063	French 3
HHB064	French 4
HHB065	French 5
HHB066	French 6
HHB067	French 7
HHB068	French 8

**INDONESIAN**

1. Students without Year 12 Language qualifications in Indonesian should undertake the following unit sequence:

HHB071	Indonesian 1
HHB072	Indonesian 2
HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6

2. Students with Year 12 Language qualifications or equivalent in Indonesian should undertake the following unit sequence:

HHB073	Indonesian 3
HHB074	Indonesian 4
HHB075	Indonesian 5
HHB076	Indonesian 6
HHB077	Indonesian 7
HHB078	Indonesian 8

**JAPANESE**

1. Students without Year 12 Language qualifications in Japanese should undertake the following unit sequence:

HHB081	Japanese 1
HHB082	Japanese 2
HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6

2. Students with Year 12 Language qualifications or equivalent in Japanese should undertake the following unit sequence:

HHB083	Japanese 3
HHB084	Japanese 4
HHB085	Japanese 5
HHB086	Japanese 6
HHB087	Japanese 7
HHB088	Japanese 8

**GERMAN**

1. Students without Year 12 Language qualifications in German should undertake the following unit sequence:

HHB091	German 1
HHB092	German 2
HHB093	German 3
HHB094	German 4
HHB095	German 5
HHB096	German 6

2. Students with Year 12 Language qualifications or equivalent in German should undertake the following unit sequence:

HHB093	German 3
HHB094	German 4
HHB095	German 5
HHB096	German 6
HHB097	German 7
HHB098	German 8

**■ Bachelor of Creative Industries (Media and Communication)/Bachelor of Laws (IF10)**

**Award title:** Bachelor of Creative Industries (Media and Communication)/Bachelor of Laws

**CRICOS code:** 040288C

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 5 years

**Total credit points:** 528

**Standard credit points per semester (full-time):** 48 (Semesters 3,4,5,6,9+10), 60 (Semesters 1,2,7+8)

**Course coordinator:** Creative Industries: Ms Jillian Clare; Law: Director, Undergraduate Programs  
**Discipline coordinator:** Dr Terry Flew (Creative Industries)

### Professional Recognition

The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposes of the Solicitors' and Barristers' Admission Rules.

### Course Structure

#### Year 1, Semester 1

- KCB101 Communication in the New Economy  
 KCB140 Media and Society: From Printing Press to Internet  
 Introduction to Legal Research  
 LWB141 Legal Institutions and Method  
 LWB142 Law, Society and Justice

#### Year 1, Semester 2

- KCB150 Media and Communications Industries  
 KCB334 Media and Communication Research Methods  
 Creative Industries Core Unit - See List A  
 LWB143 Legal Research and Writing  
 LWB144 Laws and Global Perspectives

#### Year 2, Semester 1

- Creative Industries Core Unit - See List A  
 Creative Industries Core Unit - See List A  
 KCB213 Strategic Speech Communication  
 KCB295 Virtual Cultures  
 LWB136 Contracts A

#### Year 2, Semester 2

- Creative Industries Core Unit - See List A  
 KKB275 Creative Industries Legal Issues  
 LWB137 Contracts B  
 KCB336 New Media Technologies

#### Year 3, Semester 1

- KCB349 Media Audiences  
 KCB311 Political Communication  
 LWB138 Fundamentals of Torts  
 LWB238 Fundamentals of Criminal Law

#### Year 3, Semester 2

- LWB139 Select Issues in Torts  
 LWB239 Criminal Responsibility  
 KCB204 Globalisation and New Media  
 KCB335 Managing Communication Resources

#### Year 4, Semester 1

- LWB231 Introduction to Public Law  
 LWB236 Real Property A  
 LWB240 Principles of Equity  
 LWB332 Commercial and Personal Property Law  
 LWB333 Theories of Law

#### Year 4, Semester 2

- LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

#### Year 5, Semester 1

- LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research and Legal Reasoning  
 Elective Unit

#### Year 5, Semester 2

- LWB433 Professional Responsibility  
 Elective Units

### List A: Creative Industries Core Units

- KKB008 Narrative in the Creative Industries  
 KKB018 Creative Industries  
 KKB418 Cultures and Creativity  
 KKB618 Writing For Creative Industries  
 KKB818 Introduction To Multimedia Technology

### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives listed under the **Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)**.

## ■ Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary) (IX08)

**Award title:** Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary)

**CRICOS code:** 040316D

**Location:** Kelvin Grove

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (Average)

**Course coordinator:** Ms Jill Barker (Creative Industries); Dr Peter Bond (Education)

**Discipline coordinator:** Aspro David Hawke (Creative Industries)

### Professional Recognition

Graduates are eligible for registration with the Board of Teacher Registration, Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

### Field Experience Requirement

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

### Second Teaching Area in English, Film and Media, Geography or History

#### Year 1, Semester 1

- KVB740 Studio Art Practice 1  
 KVB702 Australian and Indigenous Art  
 Visual Arts Elective - List B  
 Second Teaching Area Unit - List C

#### Year 1, Semester 2

- KVB741 Studio Art Practice 2  
 Creative Industries Core Unit - List A  
 Visual Arts Elective - List B  
 Second Teaching Area Unit - List C

#### Year 2, Semester 1

- KVB742 Studio Art Practice 3  
 KVB444 Contemporary Asian Visual Culture  
 Visual Arts Elective - List B  
 Second Teaching Area Unit - List C

#### Year 2, Semester 2

- KVB701 Modernism  
 Creative Industries Core Unit - List A  
 Visual Arts Elective - List B  
 Visual Arts Elective - List B  
 Second Teaching Area Unit - List C

### Second Teaching Area in Dance

#### Year 1, Semester 1

- KVB740 Studio Art Practice 1  
 KVB702 Australian and Indigenous Art  
 KDX104 Architecture of the Body  
 Visual Arts Elective - List B

#### Year 1, Semester 2

- KVB741 Studio Art Practice 2  
 KDB114 Australian Dance  
 Visual Arts Elective - List B  
 Creative Industries Core Unit - List A

#### Year 2, Semester 1

- KVB742 Studio Art Practice 3  
 KDB182 Dance Technique Studies 3  
 KVB444 Contemporary Asian Visual Culture  
 KDB117 Dance in Education

#### Year 2, Semester 2

- KVB701 Modernism  
 Creative Industries Core Unit - List A  
 Visual Arts Elective - List B  
 KDX143 Choreographic Studies 1  
 KDB106 Dance Analysis

### Second Teaching Area in Drama

#### Year 1, Semester 1

- KVB740 Studio Art Practice 1  
 Creative Industries Core Unit - List A

KVB702 Australian and Indigenous Art  
 KTB257 Studies in Acting 1

#### Year 1, Semester 2

KVB741 Studio Art Practice 2  
 KTB251 20th Century Performance  
 KSB278 Technical Theatre  
 Visual Arts Elective - List B

#### Year 2, Semester 1

KVB742 Studio Art Practice 3  
 Creative Industries Core Unit - List A

KTB214 Process Drama  
 KVB444 Contemporary Asian Visual Culture

#### Year 2, Semester 2

KVB701 Modernism  
 Visual Arts Elective - List B  
 Visual Arts Elective - List B

KTB280 Drama as Social Action

KTB304 Forming Knowledge

### Second Teaching Area in LOTE

#### Year 1, Semester 1

KVB740 Studio Art Practice 1  
 KVB702 Australian and Indigenous Art  
 Visual Arts Elective - List B  
 LOTE Unit - List C

#### Year 1, Semester 2

KVB741 Studio Art Practice 2  
 Creative Industries Core Unit - List A  
 Visual Arts Elective - List B  
 LOTE Unit - List C

#### Year 2, Semester 1

KVB742 Studio Art Practice 3  
 KVB444 Contemporary Asian Visual Culture  
 Visual Arts Elective - List B  
 LOTE Unit - List C

#### Year 2, Semester 2

KVB701 Modernism  
 Creative Industries Core Unit - List A  
 Visual Arts Elective - List B  
 Visual Arts Elective - List B  
 LOTE Unit - List C

### Second Teaching Area in Music

#### Year 1, Semester 1

KVB740 Studio Art Practice 1  
 Visual Arts Elective (List B)  
 KVB702 Australian and Indigenous Art  
 Select one unit from:

KMB621 Sound Recording And Acoustics  
 KMB631 World Music  
 KMB640 Sex Drugs Rock N Roll

#### Year 1, Semester 2

KVB741 Studio Art Practice 2  
 KMB619 Music And Sound Technology  
 Visual Arts Elective - List B  
 Creative Industries Core Unit - List A

#### Year 2, Semester 1

KVB742 Studio Art Practice 3  
 KMB632 Core Musicianship 1  
 KVB444 Contemporary Asian Visual Culture  
 Select one unit from:

KMB621 Sound Recording And Acoustics  
 KMB631 World Music  
 KMB640 Sex Drugs Rock N Roll

#### Year 2, Semester 2

KVB701 Modernism  
 KMB633 Core Musicianship 2  
 Creative Industries Core Unit - List A  
 Visual Arts Elective - List B  
 Select one unit from:

KMB638 Sound And Image  
 KMB648 The Music Scene

### EDUCATION COMPONENT

#### Year 3, Semester 2

EDB002 Teaching and Learning Studies 2: Development and Learning  
 EDB031 Secondary Field Studies 1: Development and Learning in the Field  
 KVB301 Visual Arts Curriculum Studies 1

Curriculum Studies 1Y

#### Year 3, Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 KVB302 Visual Arts Curriculum Studies 2  
 Curriculum Studies 2Y

#### Year 4, Semester 1

EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices

KVB303 Visual Arts Curriculum Studies 3  
 Curriculum Studies 3Y

#### Year 4, Semester 2

EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB034 Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice  
 EDB035 Internship (Secondary) Education Elective

### List A: Creative Industries Core Units

KKB008 Narrative in the Creative Industries  
 KKB018 Creative Industries  
 KKB418 Cultures and Creativity  
 KKB618 Writing For Creative Industries  
 KKB818 Introduction To Multimedia Technology

### Visual Arts Electives

#### Visual Arts Electives

KVB447 Drawing  
 KVB457 Sculpture  
 KVB503 Clay Materials  
 KVB507 Painting  
 KVB509 Photomedia and Artistic Practice  
 KVB511 Printmaking

### Curriculum Studies - Second Teaching Area

#### Curriculum Studies 1

KDB201 Dance Curriculum Studies 1  
 KTB201 Drama Curriculum Studies 1  
 CLB018 English Curriculum Studies 1  
 CLB024 Film and Media Curriculum Studies 1  
 CLB027 Geography Curriculum Studies 1  
 CLB030 History Curriculum Studies 1  
 CLB036 LOTE Curriculum Studies 1  
 KMB201 Music (Secondary) Curriculum Studies 1

#### Curriculum Studies 2

KDB202 Dance Curriculum Studies 2  
 KTB202 Drama Curriculum Studies 2  
 CLB019 English Curriculum Studies 2  
 CLB025 Film and Media Curriculum Studies 2  
 CLB028 Geography Curriculum Studies 2  
 CLB031 History Curriculum Studies 2  
 CLB037 LOTE Curriculum Studies 2  
 KMB202 Music (Secondary) Curriculum Studies 2

#### Curriculum Studies 3

KDB203 Dance Curriculum Studies 3  
 KTB203 Drama Curriculum Studies 3  
 CLB020 English Curriculum Studies 3  
 CLB026 Film and Media Curriculum Studies 3  
 CLB029 Geography Curriculum Studies 3  
 CLB032 History Curriculum Studies 3  
 CLB038 LOTE Curriculum Studies 3  
 KMB203 Music (Secondary) Curriculum Studies 3

### Second Teaching Area Units

Please refer to the Second Teaching Area Units listed under the **Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IX05)**.

## ■ Bachelor of Engineering (Electrical and Computer Engineering)/ Bachelor of Mathematics (IF21)

**Award title:** Bachelor of Engineering (Electrical and Computer Engineering)/ Bachelor of Mathematics

**CRICOS code:** 020329J

**Location:** Gardens Point

**Course duration (full-time):** 5 years

**Total credit points:** 480

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Ed Palmer(Electrical); Professor Helen MacGillivray (Mathematics)

### Special Course Requirements

A candidate for this course must obtain at least 60 days of industrial experience in an engineering environment approved by the course coordinator.

### Professional Recognition

This degree meets the requirements for membership of Engineers Australia, and the coursework requirements for accredited graduate membership of the Australian Mathematical Society. Students may also become a member of the Statistical Society of Australia.

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points. This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Course Structure

**For students with four semesters of both Senior Mathematics B and Senior Mathematics C (or equivalent) with an exit assessment of at least Sound Achievement in both subjects.**

#### Year 1, Semester 1

EEB112 Electrical and Computer Engineering 1  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C  
PCB136 Engineering Physics 1C

#### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB212 Electrical and Computer Engineering 2  
MAB210 Statistical Modelling 1  
MAB220 Computational Mathematics 1

#### Year 2, Semester 1

EEB312 Analog and Digital Electronics  
EEB340 Introduction to Telecommunications  
MAB101 Statistical Data Analysis 1  
MAB312 Linear Algebra

#### Year 2, Semester 2

EEB412 Advanced Electronics and Embedded Systems  
EEB440 Classical Signal Processing  
MAB413 Differential Equations  
MAB420 Computational Mathematics 2

#### Year 3, Semester 1

EEB311 Electrical Measurement and Machines  
EEB560 Digital Communications  
MAB311 Advanced Calculus  
MAB314 Statistical Modelling 2

#### Year 3, Semester 2

EEB411 Classical Control and Power Systems  
EEB640 Digital Signal Processing  
MAB422 Mathematical Modelling  
MAB480 Introduction to Scientific Computation  
Or Computing elective

#### Year 4, Semester 1

EEB511 Modern Control and Power Electronics  
EEB584 Introduction to Design  
Electrical Engineering elective  
Mathematics elective (Level 3)

#### Year 4, Semester 2

EEB684 Advanced Design  
Electrical Engineering elective  
MAB414 Applied Statistics 2  
Mathematics elective (Level 3)

#### Year 5, Semester 1

EEB889-1 Project

Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)

#### Year 5, Semester 2

EEB889-2 Project  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)

**For students with four semesters of Senior Mathematics B (or equivalent) only, with an exit assessment of at least Sound Achievement.**

#### Year 1, Semester 1

EEB112 Electrical and Computer Engineering 1  
MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1  
PCB136 Engineering Physics 1C

#### Year 1, Semester 2

BNB007 Professional Studies 1  
EEB212 Electrical and Computer Engineering 2  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C

#### Year 2, Semester 1

EEB312 Analog and Digital Electronics  
EEB340 Introduction to Telecommunications  
MAB220 Computational Mathematics 1  
MAB312 Linear Algebra

#### Year 2, Semester 2

EEB412 Advanced Electronics and Embedded Systems  
EEB440 Classical Signal Processing  
MAB210 Statistical Modelling 1  
MAB413 Differential Equations

#### Year 3, Semester 1

EEB311 Electrical Measurement and Machines  
EEB560 Digital Communications  
MAB311 Advanced Calculus  
MAB314 Statistical Modelling 2

#### Year 3, Semester 2

EEB411 Classical Control and Power Systems  
EEB640 Digital Signal Processing  
MAB420 Computational Mathematics 2  
Either  
Computing elective, or  
MAB480 Introduction to Scientific Computation

#### Year 4, Semester 1

EEB511 Modern Control and Power Electronics  
EEB584 Introduction to Design  
Electrical Engineering elective  
Mathematics elective (Level 3)

#### Year 4, Semester 2

EEB684 Advanced Design  
Electrical Engineering elective  
MAB414 Applied Statistics 2  
Mathematics elective (Level 3)

#### Year 5, Semester 1

EEB889-1 Project  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)

#### Year 5, Semester 2

EEB889-2 Project  
Electrical Engineering elective  
Electrical Engineering elective  
Mathematics elective (Level 3)

### Electrical Engineering Elective Units

EEB512 Industrial Electronics and Digital Design  
EEB612 Software Systems Design  
EEB641 Fields Transmission and Propagation  
EEB650 Power Systems Analysis  
EEB904 Advanced Topics in Electrical Engineering A  
EEB905 Advanced Topics in Electrical Engineering B  
EEB911 Electrical Energy Systems  
EEB941 Modern Signal Processing  
EEB960 Wireless Communications  
EEB961 RF and Applied Electromagnetics  
EEB976 Advanced Industrial Electronics  
EEB992 VLSI Circuits and Systems

Not all electives may be offered. At the discretion of the course coordinator, students may be allowed to select an elective from any advanced topics offered by the University. Also potential honours students may, with the approval of the course coordinator, select an elective from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering.

### Mathematics Electives (Level 3)

#### Four units required:

MAB521	Applied Mathematics 3
MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB524	Statistical Inference
MAB526	Statistical Science 3
MAB613	Partial Differential Equations
MAB621	Discrete Mathematics
MAB624	Applied Statistics 3
MAB672	Advanced Mathematical Modelling

**Notes:** For students commencing in 2004 onwards, the units MAB523 Introduction to Quality Management and MAB621 Discrete Mathematics do not contribute to the mandatory 48 credit points minimum from Level 3 Mathematics units. This does not apply to students who commenced prior to 2004.

Some deviations from the above course structure may be possible with the permission of the course coordinator. This is more likely to apply in the later years than the earlier years of the course.

## ■ Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business (IF28)

**Award title:** Electrical and Computer Engineering)/Bachelor of Business (Study Area A)

**CRICOS code:** 027278C

**Location:** Gardens Point

**Course duration (full-time):** 5 years

**Total credit points:** 480

**Standard credit points per semester (full-time):** 48 (average)

**Course coordinator:** Dr Ed Palmer (Engineering); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Dr Gayle Kerr (Advertising); Ms Sherrena Buckby (Electronic Business); Dr Amanda Gudmundsson (Human Resource Management); Dr Beverley Kitching (International Business); Dr Glenda Maconachie (Management); Dr Yunus Ali (Marketing); Ms Robina Xavier (Public Relations); Dr Adam Clements (Banking and Finance) and Dr Radhika Lahiri (Economics)

### Professional Recognition

This degree meets the requirements for membership of Engineers Australia and the Institution of Radio and Electronics Engineers Australia.

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership of: CPA Australia; Institute of Chartered Accountants in Australia; Chartered Secretaries Australia; Advertising Federation of Australia; Australian Association of National Advertisers; Australian Direct Marketing Association; Queensland Commercial Radio Association; Australasian Institute of Banking and Finance; Economics Society of Australia; Australian Human Resources Institute; Australian Institute of Management; Australian Institute of Training and Development; Australian Institute of Export; Australian Institute of Management; Australian Marketing Institute; Marketing Research Society of Australia; Australian Institute of Management; American Marketing Association and Public Relations Institute of Australia.

### Built Environment & Engineering Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of four units from the one study area that totals 48 credit points.

This will not affect the total number of credit points required for

course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Special Course Requirements

A candidate for the degree of Bachelor of Engineering must obtain at least 60 days of industrial employment/practice in an engineering environment approved by the course coordinator, before graduating.

### Course Design

Students are required to complete 480 credit points comprised of 252 credit points from the Bachelor of Engineering (Electrical & Computer Engineering) program and 228 credit points from the Bachelor of Business program. Students supplement the engineering component of this program with the 84\* credit point Faculty Core units in the Bachelor of Business program together with a 72 credit point Major in one of the following:

Accountancy, Advertising, Banking & Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing or Public Relations, as well as a further 72 credit points in which the student must complete one of the following: Double Major, Extended Major or Specialisation.

### Course Structure

#### Accountancy

##### Year 1, Semester 1

BSB110	Accounting
BSB113	Economics
EEB112	Electrical and Computer Engineering 1
MAB180	Engineering Mathematics 1, or
MAB131	Engineering Mathematics 1A
MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C	

##### Year 1, Semester 2

BSB111	Business Law and Ethics
BSB122	Quantitative Analysis and Finance
EEB212	Electrical and Computer Engineering 2
MAB132	Engineering Mathematics 1B

##### Year 2, Semester 1

EEB340	Introduction to Telecommunications
EFB101	Data Analysis for Business
MAB134	Electrical Engineering Mathematics 3
PCB136	Engineering Physics 1C

##### Year 2, Semester 2

BSB115	Management, People and Organisations
BSB119	International and Electronic Business
EEB440	Classical Signal Processing
MAB135	Electrical Engineering Mathematics 4

##### Year 3, Semester 1

BSB126	Marketing
Business Double Major / Extended Major / Specialisation Unit	
EEB311	Electrical Measurement and Machines
EEB312	Analog and Digital Electronics

##### Year 3, Semester 2

AYB121	Financial Accounting
AYB221	Computerised Accounting Systems
EEB411	Classical Control and Power Systems
EEB412	Advanced Electronics and Embedded Systems

##### Year 4, Semester 1

AYB220	Company Accounting
Business Double Major / Extended Major / Specialisation Unit	
EEB584	Introduction to Design
Electrical and Computer Engineering elective unit	

##### Year 4, Semester 2

AYB225	Management Accounting
Business Double Major / Extended Major / Specialisation Unit	
EEB684	Advanced Design
Electrical and Computer Engineering elective unit	

##### Year 5, Semester 1

AYB301	Auditing
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- Business Double Major / Extended Major / Specialisation Unit  
 EEB889/1 Project  
 Electrical and Computer Engineering elective unit  
**Year 5, Semester 2**  
 Business Double Major / Extended Major / Specialisation Unit  
 Business Double Major / Extended Major / Specialisation Unit  
 EEB889/2 Project  
 Electrical and Computer Engineering elective unit

## Advertising

### Year 1, Semester 1

- BSB119 International and Electronic Business  
 BSB126 Marketing  
 EEB112 Electrical and Computer Engineering 1  
 MAB180 Engineering Mathematics 1, or  
 MAB131 Engineering Mathematics 1A  
 MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

### Year 1, Semester 2

- AMB200 Consumer Behaviour  
 AMB220 Advertising Theory and Practice  
 EEB212 Electrical and Computer Engineering 2  
 MAB132 Engineering Mathematics 1B

### Year 2, Semester 1

- AMB222 Media Planning  
 EEB340 Introduction to Telecommunications  
 MAB134 Electrical Engineering Mathematics 3  
 PCB136 Engineering Physics 1C

### Year 2, Semester 2

- AMB221 Advertising Copywriting  
 BSB115 Management, People and Organisations  
 EEB440 Classical Signal Processing  
 MAB135 Electrical Engineering Mathematics 4

### Year 3, Semester 1

- BSB113 Economics  
 Business Double Major / Extended Major / Specialisation Unit  
 EEB311 Electrical Measurement and Machines  
 EEB312 Analog and Digital Electronics

### Year 3, Semester 2

- BSB114 Government, Business and Society  
 Business Double Major / Extended Major / Specialisation Unit  
 EEB411 Classical Control and Power Systems  
 EEB412 Advanced Electronics and Embedded Systems

### Year 4, Semester 1

- AMB320 Advertising Management  
 Business Double Major / Extended Major / Specialisation Unit  
 EEB584 Introduction to Design  
 Electrical and Computer Engineering elective unit

### Year 4, Semester 2

- AMB321 Advertising Campaigns  
 Business Double Major / Extended Major / Specialisation Unit  
 EEB684 Advanced Design  
 Electrical and Computer Engineering elective unit

### Year 5, Semester 1

- BSB111 Business Law and Ethics  
 Business Double Major / Extended Major / Specialisation Unit  
 EEB889/1 Project  
 Electrical and Computer Engineering elective unit

### Year 5, Semester 2

- BSB110 Accounting  
 Business Double Major / Extended Major / Specialisation Unit  
 EEB889/2 Project  
 Electrical and Computer Engineering elective unit

## Banking & Finance

### Year 1, Semester 1

- BSB113 Economics  
 BSB115 Management, People and Organisations  
 EEB112 Electrical and Computer Engineering 1  
 MAB180 Engineering Mathematics 1, or

- MAB131 Engineering Mathematics 1A  
 MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

### Year 1, Semester 2

- BSB122 Quantitative Analysis and Finance  
 EEB212 Electrical and Computer Engineering 2  
 EFB102 Economics 2  
 MAB132 Engineering Mathematics 1B

### Year 2, Semester 1

- BSB119 International and Electronic Business  
 EEB340 Introduction to Telecommunications  
 MAB134 Electrical Engineering Mathematics 3  
 PCB136 Engineering Physics 1C

### Year 2, Semester 2

- BSB110 Accounting  
 EEB440 Classical Signal Processing  
 EFB101 Data Analysis for Business  
 MAB135 Electrical Engineering Mathematics 4

### Year 3, Semester 1

- BSB126 Marketing  
 EEB311 Electrical Measurement and Machines  
 EEB312 Analog and Digital Electronics  
 EFB210 Finance 1

### Year 3, Semester 2

- BSB111 Business Law and Ethics  
 EEB411 Classical Control and Power Systems  
 EEB412 Advanced Electronics and Embedded Systems  
 EFB307 Finance 2

### Year 4, Semester 1

- EEB584 Introduction to Design  
 Electrical and Computer Engineering elective unit  
 EFB201 Financial Markets  
 Business Double Major / Extended Major / Specialisation Unit

### Year 4, Semester 2

- EEB684 Advanced Design  
 Electrical and Computer Engineering elective unit  
 EFB312 International Finance  
 Business Double Major / Extended Major / Specialisation Unit

### Year 5, Semester 1

- EEB889/1 Project  
 Electrical and Computer Engineering elective unit  
 Business Double Major / Extended Major / Specialisation Unit  
 Business Double Major / Extended Major / Specialisation Unit

### Year 5, Semester 2

- EEB889/2 Project  
 Electrical and Computer Engineering elective unit  
 Business Double Major / Extended Major / Specialisation Unit  
 Business Double Major / Extended Major / Specialisation Unit

## Economics

### Year 1, Semester 1

- BSB113 Economics  
 BSB115 Management, People and Organisations  
 EEB112 Electrical and Computer Engineering 1, or  
 MAB131 Engineering Mathematics 1A  
 MAB180 Engineering Mathematics 1  
 MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

### Year 1, Semester 2

- BSB119 International and Electronic Business  
 EEB212 Electrical and Computer Engineering 2  
 EFB102 Economics 2  
 MAB132 Engineering Mathematics 1B

### Year 2, Semester 1

- EEB340 Introduction to Telecommunications  
 EFB202 Business Cycles and Economic Growth  
 MAB134 Electrical Engineering Mathematics 3  
 PCB136 Engineering Physics 1C

### Year 2, Semester 2

- BSB110 Accounting  
 EEB440 Classical Signal Processing  
 EFB101 Data Analysis for Business  
 MAB135 Electrical Engineering Mathematics 4

**Year 3, Semester 1**

BSB126	Marketing
EEB311	Electrical Measurement and Machines
EEB312	Analog and Digital Electronics
EFB211	Firms, Markets and Resources

**Year 3, Semester 2**

BSB114	Government, Business and Society
EEB411	Classical Control and Power Systems
EEB412	Advanced Electronics and Embedded Systems
EFB314	International Trade and Economic Competitiveness

**Year 4, Semester 1**

BSB111	Business Law and Ethics Business Double Major / Extended Major / Specialisation Unit
EEB584	Introduction to Design Electrical and Computer Engineering elective unit

**Year 4, Semester 2**

EEB684	Advanced Design Electrical and Computer Engineering elective unit
EFB323	Financial and Monetary Economics Business Double Major / Extended Major / Specialisation Unit

**Year 5, Semester 1**

EEB889/1	Project Electrical and Computer Engineering elective unit Business Double Major / Extended Major / Specialisation Unit Business Double Major / Extended Major / Specialisation Unit
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**Year 5, Semester 2**

EEB889/2	Project Electrical and Computer Engineering elective unit Business Double Major / Extended Major / Specialisation Unit Business Double Major / Extended Major / Specialisation Unit
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**Electronic Business**

**Note:** The Electronic Business Major must be undertaken with another Business major

**Year 1, Semester 1**

BSB114	Government, Business and Society
BSB119	International and Electronic Business
EEB112	Electrical and Computer Engineering 1
MAB131	Engineering Mathematics 1A, or
MAB180	Engineering Mathematics 1

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

**Year 1, Semester 2**

BSB110	Accounting
BSB126	Marketing
EEB212	Electrical and Computer Engineering 2
MAB132	Engineering Mathematics 1B

**Year 2, Semester 1**

BSB113	Economics
EEB340	Introduction to Telecommunications
MAB134	Electrical Engineering Mathematics 3
PCB136	Engineering Physics 1C

**Year 2, Semester 2**

BSB115	Management, People and Organisations
EEB440	Classical Signal Processing
ITB825	Electronic Business Information Systems
MAB135	Electrical Engineering Mathematics 4

**Year 3, Semester 1**

BSB111	Business Law and Ethics
BSB212	Electronic Business Applications
EEB311	Electrical Measurement and Machines
EEB312	Analog and Digital Electronics

**Year 3, Semester 2**

BSB213	Legal Issues in Electronic Business
EEB411	Classical Control and Power Systems
EEB412	Advanced Electronics and Embedded Systems Business Double Major Unit

**Year 4, Semester 1**

EEB584	Introduction to Design
MGB334	Managing in a Changing Environment Electrical and Computer Engineering elective unit Electronic Business Elective

**Year 4, Semester 2**

BSB314	E-Business Intelligence
EEB684	Advanced Design Electrical and Computer Engineering elective unit Business Double Major Unit

**Year 5, Semester 1**

EEB889/1	Project Electrical and Computer Engineering elective unit Business Double Major Unit Business Double Major Unit
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**Year 5, Semester 2**

EEB889/2	Project Electrical and Computer Engineering elective unit Business Double Major Unit Business Double Major Unit
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**Electronic Business Elective Unit List:**

AMB230	Internet Promotion
AYB221	Computerised Accounting Systems
IBB303	International Logistics
ITB233	Enterprise Systems Applications
ITB823	Web Sites For Electronic Commerce
MGB304	Human Resource Information Management
MGB216	Managing Technology, Innovation and Knowledge

**Human Resource Management****Year 1, Semester 1**

BSB115	Management, People and Organisations
BSB122	Quantitative Analysis and Finance
EEB112	Electrical and Computer Engineering 1
MAB131	Engineering Mathematics 1A, or
MAB180	Engineering Mathematics 1

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C.

**Year 1, Semester 2**

BSB126	Marketing
EEB212	Electrical and Computer Engineering 2
MAB132	Engineering Mathematics 1B
MGB220	Management Research Methods

**Year 2, Semester 1**

BSB110	Accounting
EEB340	Introduction to Telecommunications
MAB134	Electrical Engineering Mathematics 3
PCB136	Engineering Physics 1C

**Year 2, Semester 2**

EEB440	Classical Signal Processing
MAB135	Electrical Engineering Mathematics 4
MGB207	Human Resource Issues and Strategy
MGB211	Organisational Behaviour

**Year 3, Semester 1**

BSB113	Economics
BSB114	Government, Business and Society
EEB311	Electrical Measurement and Machines
EEB312	Analog and Digital Electronics

**Year 3, Semester 2**

BSB111	Business Law and Ethics
EEB411	Classical Control and Power Systems
EEB412	Advanced Electronics and Embedded Systems
MGB222	Managing Organisations

**Year 4, Semester 1**

EEB584	Introduction to Design Electrical and Computer Engineering elective unit Business Double Major / Extended Major / Specialisation Unit Business Double Major / Extended Major / Specialisation Unit
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**Year 4, Semester 2**

EEB684	Advanced Design Electrical and Computer Engineering elective unit Business Double Major / Extended Major / Specialisation Unit Business Double Major / Extended Major / Specialisation Unit
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**Year 5, Semester 1**

EEB889/1	Project Electrical and Computer Engineering elective unit
MGB314	Organisational Consulting and Change Business Double Major / Extended Major / Specialisation Unit

**Year 5, Semester 2**

- EEB889/2 Project  
Electrical and Computer Engineering elective unit
- MGB309 Strategic Management  
Business Double Major / Extended Major / Specialisation Unit

The units AMB201 Market and Audience Research and MGB220 Management Research methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**International Business - No Language****Year 1, Semester 1**

- BSB113 Economics
- BSB119 International and Electronic Business
- EEB112 Electrical and Computer Engineering 1
- MAB131 Engineering Mathematics 1A, or
- MAB180 Engineering Mathematics 1
- MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

**Year 1, Semester 2**

- BSB115 Management, People and Organisations
- BSB126 Marketing
- EEB212 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B

**Year 2, Semester 1**

- BSB114 Government, Business and Society
- EEB340 Introduction to Telecommunications
- MAB134 Electrical Engineering Mathematics 3
- PCB136 Engineering Physics 1C

**Year 2, Semester 2**

- EEB440 Classical Signal Processing
- IBB202 International Business Development and Finance
- IBB213 International Marketing
- MAB135 Electrical Engineering Mathematics 4

**Year 3, Semester 1**

- BSB110 Accounting
- EEB311 Electrical Measurement and Machines
- EEB312 Analog and Digital Electronics
- IBB210 Export Management

**Year 3, Semester 2**

- BSB111 Business Law and Ethics  
Business Double Major / Extended Major / Specialisation Unit
- EEB411 Classical Control and Power Systems
- EEB412 Advanced Electronics and Embedded Systems

**Year 4, Semester 1**

- EEB584 Introduction to Design  
Electrical and Computer Engineering elective unit  
International Business Area Study 1  
Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**

- EEB684 Advanced Design  
Electrical and Computer Engineering elective unit  
International Business Area Study 2  
Business Double Major / Extended Major / Specialisation Unit

**Year 5, Semester 1**

- EEB889/1 Project  
Electrical and Computer Engineering elective unit  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

**Year 5, Semester 2**

- EEB889/2 Project
- IBB300 International Business Strategy  
Electrical and Computer Engineering elective unit  
Business Double Major / Extended Major / Specialisation Unit

**International Business Area Study Units:**

Students Must Complete one of the following pairs of area study units:

- IBB208 European Business Development
- IBB308 Contemporary Business in Europe, or
- IBB217 Asian Business Development

- IBB317 Contemporary Business in Asia

**International Business - with a Language Specialisation****Year 1, Semester 1**

- BSB119 International and Electronic Business
- EEB112 Electrical and Computer Engineering 1
- MAB131 Engineering Mathematics 1A, or
- MAB180 Engineering Mathematics 1  
Language 1

MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

**Year 1, Semester 2**

- BSB115 Management, People and Organisations
- EEB212 Electrical and Computer Engineering 2
- MAB132 Engineering Mathematics 1B  
Language 2

**Year 2, Semester 1**

- EEB340 Introduction to Telecommunications
- MAB134 Electrical Engineering Mathematics 3
- PCB136 Engineering Physics 1C  
Language 3

**Year 2, Semester 2**

- BSB126 Marketing  
Language 4
- EEB440 Classical Signal Processing
- MAB135 Electrical Engineering Mathematics 4

**Year 3, Semester 1**

- BSB110 Accounting  
Language 5, or
- IBB205 Cross-Cultural Communication and Negotiation
- EEB311 Electrical Measurement and Machines
- EEB312 Analog and Digital Electronics

**Year 3, Semester 2**

- BSB113 Economics  
Language 6, or  
International Business Elective Unit (IBB2xx, IBB3xx)
- EEB411 Classical Control and Power Systems
- EEB412 Advanced Electronics and Embedded Systems

**Year 4, Semester 1**

- BSB114 Government, Business and Society  
International Business Area Study 1
- EEB584 Introduction to Design  
Electrical and Computer Engineering elective unit

**Year 4, Semester 2**

- EEB684 Advanced Design  
Electrical and Computer Engineering elective unit
- IBB213 International Marketing  
International Business Area Study 2

**Year 5, Semester 1**

- BSB111 Business Law and Ethics
- EEB889/1 Project
- IBB210 Export Management  
Electrical and Computer Engineering elective unit

**Year 5, Semester 2**

- EEB889/2 Project  
Electrical and Computer Engineering elective unit
- IBB202 International Business Development and Finance
- IBB300 International Business Strategy

**International Business Area Study Units:**

Students must complete one of the following pairs of area study units:

- IBB208 European Business Development
- IBB308 Contemporary Business in Europe, or
- IBB217 Asian Business Development
- IBB317 Contemporary Business in Asia

**List Of Languages:**

FRENCH  
INDONESIAN  
JAPANESE  
GERMAN

**Management****Year 1, Semester 1**

- BSB115 Management, People and Organisations
- BSB122 Quantitative Analysis and Finance
- EEB112 Electrical and Computer Engineering 1
- MAB180 Engineering Mathematics 1, or
- MAB131 Engineering Mathematics 1A



MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

#### **Year 1, Semester 2**

BSB126 Marketing  
EEB212 Electrical and Computer Engineering 2  
MAB132 Engineering Mathematics 1B  
MGB220 Management Research Methods

#### **Year 2, Semester 1**

BSB110 Accounting  
EEB340 Introduction to Telecommunications  
MAB134 Electrical Engineering Mathematics 3  
PCB136 Engineering Physics 1C

#### **Year 2, Semester 2**

EEB440 Classical Signal Processing  
MAB135 Electrical Engineering Mathematics 4  
MGB211 Organisational Behaviour  
MGB222 Managing Organisations

#### **Year 3, Semester 1**

BSB113 Economics  
BSB114 Government, Business and Society  
EEB311 Electrical Measurement and Machines  
EEB312 Analog and Digital Electronics

#### **Year 3, Semester 2**

BSB111 Business Law and Ethics  
Business Double Major / Extended Major / Specialisation Unit  
EEB411 Classical Control and Power Systems  
EEB412 Advanced Electronics and Embedded Systems

#### **Year 4, Semester 1**

EEB584 Introduction to Design  
Electrical and Computer Engineering elective unit  
MGB210 Production and Service Management  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 4, Semester 2**

EEB684 Advanced Design  
MGB334 Managing in a Changing Environment  
Electrical and Computer Engineering elective unit  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 5, Semester 1**

EEB889/1 Project  
Electrical and Computer Engineering elective unit  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

#### **Year 5, Semester 2**

EEB889/2 Project  
Electrical and Computer Engineering elective unit  
MGB309 Strategic Management  
Business Double Major / Extended Major / Specialisation Unit

The units AMB201 Market and Audience Research and MGB220 Management Research methods are incompatible units. Students undertaking Marketing or Public Relations as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

### **Marketing**

#### **Year 1, Semester 1**

BSB119 International and Electronic Business  
BSB126 Marketing  
EEB112 Electrical and Computer Engineering 1  
MAB131 Engineering Mathematics 1A, or  
MAB180 Engineering Mathematics 1  
MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

#### **Year 1, Semester 2**

AMB200 Consumer Behaviour  
AMB240 Marketing Planning and Management  
EEB212 Electrical and Computer Engineering 2  
MAB132 Engineering Mathematics 1B

#### **Year 2, Semester 1**

AMB201 Marketing and Audience Research  
EEB340 Introduction to Telecommunications  
MAB134 Electrical Engineering Mathematics 3  
PCB136 Engineering Physics 1C

#### **Year 2, Semester 2**

AMB241 E-Marketing Strategies  
BSB115 Management, People and Organisations  
EEB440 Classical Signal Processing  
MAB135 Electrical Engineering Mathematics 4

#### **Year 3, Semester 1**

BSB113 Economics  
Business Double Major / Extended Major / Specialisation Unit  
EEB311 Electrical Measurement and Machines  
EEB312 Analog and Digital Electronics

#### **Year 3, Semester 2**

BSB114 Government, Business and Society  
Business Double Major / Extended Major / Specialisation Unit  
EEB411 Classical Control and Power Systems  
EEB412 Advanced Electronics and Embedded Systems

#### **Year 4, Semester 1**

AMB340 Services Marketing  
Business Double Major / Extended Major / Specialisation Unit  
EEB584 Introduction to Design  
Electrical and Computer Engineering elective unit

#### **Year 4, Semester 2**

AMB341 Strategic Marketing  
Business Double Major / Extended Major / Specialisation Unit  
EEB684 Advanced Design  
Electrical and Computer Engineering elective unit

#### **Year 5, Semester 1**

BSB111 Business Law and Ethics  
Business Double Major / Extended Major / Specialisation Unit  
EEB889/1 Project  
Electrical and Computer Engineering elective unit

#### **Year 5, Semester 2**

BSB110 Accounting  
Business Double Major / Extended Major / Specialisation Unit  
EEB889/2 Project  
Electrical and Computer Engineering elective unit

The units AMB201 Market and Audience Research and MGB220 Management Research methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

### **Public Relations**

#### **Year 1, Semester 1**

BSB119 International and Electronic Business  
BSB126 Marketing  
EEB112 Electrical and Computer Engineering 1  
MAB180 Engineering Mathematics 1, or  
MAB131 Engineering Mathematics 1A  
MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Mathematics C

#### **Year 1, Semester 2**

AMB260 Public Relations Theory and Practice  
BSB115 Management, People and Organisations  
EEB212 Electrical and Computer Engineering 2  
MAB132 Engineering Mathematics 1B

#### **Year 2, Semester 1**

AMB261 Media Relations and Publicity  
EEB340 Introduction to Telecommunications  
MAB134 Electrical Engineering Mathematics 3  
PCB136 Engineering Physics 1C

#### **Year 2, Semester 2**

AMB262 Public Relations Writing  
BSB113 Economics  
EEB440 Classical Signal Processing  
MAB135 Electrical Engineering Mathematics 4

#### **Year 3, Semester 1**

AMB201 Marketing and Audience Research  
Business Double Major / Extended Major / Specialisation Unit  
EEB311 Electrical Measurement and Machines  
EEB312 Analog and Digital Electronics

**Year 3, Semester 2**

BSB114	Government, Business and Society Business Double Major / Extended Major / Specialisation Unit
EEB411	Classical Control and Power Systems
EEB412	Advanced Electronics and Embedded Systems

**Year 4, Semester 1**

AMB360	Corporate Communication Management Business Double Major / Extended Major / Specialisation Unit
EEB584	Introduction to Design Electrical and Computer Engineering elective unit

**Year 4, Semester 2**

AMB361	Public Relations Campaigns Business Double Major / Extended Major / Specialisation Unit
EEB684	Advanced Design Electrical and Computer Engineering elective unit

**Year 5, Semester 1**

BSB111	Business Law and Ethics Business Double Major / Extended Major / Specialisation Unit
EEB889/1	Project Electrical and Computer Engineering elective unit

**Year 5, Semester 2**

BSB110	Accounting Business Double Major / Extended Major / Specialisation Unit
EEB889/2	Project Electrical and Computer Engineering elective unit

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

## ■ Bachelor of Engineering (Electronics)/Bachelor of Information Technology (IF59)

**Award title:** Bachelor of Engineering (Electronics)/Bachelor of Information Technology

**CRICOS code:** 006384G

**Location:** Gardens Point

**Course duration (full-time):** 5 years

**Total credit points:** 480

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Associate Professor Vinod Chandran (Engineering), Dr Alan Tickle (Information Technology)

### Cooperative Education Program

An optional one-year period of paid work experience in an area of information technology is available to eligible full-time students. The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Companies that QUT's Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ and Sun Microsystems.

For more information visit the Faculty's Cooperative Education program home page at [www.fit.qut.edu.au/courses/undergrad/coop/](http://www.fit.qut.edu.au/courses/undergrad/coop/)

### Professional Recognition

This degree meets the requirements for membership of Engineers Australia and the Institution of Radio and Electronics Engineers Australia. Graduates of the Bachelor of Information Technology component meet the knowledge requirements for admission to the Australian Computer Society (ACS).

### Minors

Subject to the approval of the course coordinator, students may be able to choose a minor area of study. A minor is a collection of

four units from the one study area that totals 48 credit points.

This will not affect the total number of credit points required for course completion. Students may choose from the list of minors, available from the office of the Faculty of Built Environment and Engineering.

### Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Electronics)/Bachelor of Information Technology must obtain at least 60 days of industrial experience in an engineering environment approved by the course coordinator.

### Full-time Course Structure

#### Year 1, Semester 1

ITB111	Software Development 1
ITB114	Networking Systems
PCB136	Engineering Physics 1C
MAB180	Engineering Mathematics 1, or
MAB131	Engineering Mathematics 1A

\*MAB180 Engineering Mathematics is to be taken by those students not obtaining a SA or better in Queensland Mathematics C (or equivalent).

#### Year 1, Semester 2

BNB007	Professional Studies 1
EEB213	Electrical Circuits and Measurements
ITB112	Software Development 2
MAB132	Engineering Mathematics 1B

#### Year 2, Semester 1

EEB312	Analog and Digital Electronics
ITB610	Software Development 3
ITB616	Computer Architecture
MAB134	Electrical Engineering Mathematics 3

#### Year 2, Semester 2

EEB412	Advanced Electronics and Embedded Systems
ITB612	Software Engineering Principles
MAB135	Electrical Engineering Mathematics 4
ITB614	Programming Languages

#### Year 3, Semester 1

EEB311	Electrical Measurement and Machines
EEB340	Introduction to Telecommunications
EEB512	Industrial Electronics and Digital Design
ITB611	Object Technology

#### Year 3, Semester 2

EEB411	Classical Control and Power Systems
EEB440	Classical Signal Processing
ITB617	Concurrent and Distributed Systems
ITB624	Internetworking

#### Year 4, Semester 1

EEB560	Digital Communications
EEB584	Introduction to Design
ITB613	Advanced Programming Laboratory
	IT Elective Unit

#### Year 4, Semester 2

EEB640	Digital Signal Processing
EEB684	Advanced Design
	IT Elective Unit
	IT Elective Unit

#### Year 5, Semester 1

EEB781	Professional Studies 2
EEB889/1	Project, or
ITB844/1	Computing Project
	Electrical Engineering Elective
	Electrical Engineering Elective

#### Year 5, Semester 2

EEB889/2	Project, or
ITB844/2	Computing Project
	Electrical Engineering Elective
	Electrical Engineering Elective
	Electrical Engineering or IT Elective Unit

#### Electrical Engineering Elective Units

EEB904	Advanced Topics in Electrical Engineering A
EEB905	Advanced Topics in Electrical Engineering B
EEB941	Modern Signal Processing
EEB960	Wireless Communications
EEB976	Advanced Industrial Electronics

**Note:** EEB781 Professional Studies 2 can be taken earlier if desired subject to completion of BNB007 Professional Studies 1.

EEB992 VLSI Circuits and Systems

At the discretion of the Course Coordinator, students may be allowed to select an elective from any advanced topics offered by the University. Also potential honours students may, with the approval of the Course Coordinator, select an elective from the from the postgraduate degree courses offered by the School of Electrical and Electronic Systems Engineering. IT and Electrical Engineering Electives may be interchanged provided at least one elective is chosen from each discipline.

#### **Industrial Experience**

Students must obtain at least 60 days industrial experience in an engineering environment as approved by the Course Coordinator.

#### **IT Elective Units**

Please refer to the IT Elective Units listed under the **Bachelor of Applied Science/Bachelor of Information Technology (IF29)**.

### ■ Bachelor of Engineering (Software Engineering) (IX25)

**Award title:** Bachelor of Engineering (Software Engineering)\*

**Location:** Gardens Point

**Course duration (full-time):** 4 years

**Total credit points:** 384

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Peter O'Shea

#### **Special course requirements**

Students are required to complete 60 days approved industrial experience.

#### **Course Structure**

##### **Year 1 - Semester 1**

ITB111	Software Development 1
ITB114	Networking Systems
MAB180	Engineering Mathematics 1, or
MAB131	Engineering Mathematics 1A
PCB136	Engineering Physics 1C

##### **Year 1 - Semester 2**

BNB007	Professional Studies 1
EEB213	Electrical Circuits and Measurements
ITB112	Software Development 2
MAB132	Engineering Mathematics 1B

##### **Year 2 - Semester 1**

EEB312	Analog and Digital Electronics
EEB340	Introduction to Telecommunications
ITB115	Introduction to Databases
ITB610	Software Development 3

##### **Year 2 - Semester 2**

EEB412	Advanced Electronics and Embedded Systems
ITB611	Object Technology
ITB612	Software Engineering Principles
ITB161	Information Security for IT Professionals

##### **Year 3 - Semester 1**

EEB512	Industrial Electronics and Digital Design
EEB566	Real-Time Computer-Based Systems
EEB585	Systems Engineering Design
ITB624	Internetworking

##### **Year 3 - Semester 2**

EEB666	Communication Environments for Embedded Systems
EEB685	Advanced Systems Design
ITB613	Advanced Programming Laboratory
ITB676	Software Quality Management

##### **Year 4 - Semester 1**

EEB781	Professional Studies 2
ITB655/1	Project, or
EEB782-1	Systems Project
	Elective
	Elective

##### **Year 4 - Semester 2**

ITB655/2	Project, or
EEB782-2	Systems Project
	Elective
	Elective
	Elective

Students are required to undertake five electives as follows: One General Elective, two from Electrical Engineering and two from Information Technology.

Students who opt to complete the Cooperative Education Program will substitute ITS010 for ITB613

#### **Elective List**

##### **General Elective**

A QUT degree level unit in the areas of Commercialisation or internationalisation (foreign language) selected in consultation with the Course Coordinator.

##### **Electrical Engineering electives (Two to be selected)**

EEB905	Advanced Topics in Electrical Engineering B
EEB992	VLSI Circuits and Systems
EEP104	Real-Time Operating Systems
EEP120	Networks and Distributed Computing
EEP123	Process Control and Robotics
EEP129	Image Processing and Computer Vision

##### **Information Technology electives**

ITB617	Concurrent and Distributed Systems
ITB640	Artificial Intelligence
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB643	Unix Systems Programming
ITB644	Windows Administration
ITB647	Advanced Programming Technology
ITB648	Graphics
ITB649	Object Modelling for Games Design

### ■ Bachelor of Information Technology/Bachelor of Education (Secondary) (IX09)

**Award title:** Bachelor of Information Technology/Bachelor of Education (Secondary)

**CRICOS code:** 022136B

**Location:** Gardens Point, Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Course coordinator:** Dr Peter Bond (Education), Dr Alan Tickle (InfTech)

#### **Professional Recognition**

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks. Graduates of the Bachelor of Information Technology meet the knowledge requirement for admission to the Australian Computer Society as members.

#### **Field Experience Requirement**

As required by Queensland's Child Protection Act, students must undergo national criminal history checks (which must be renewed every two years) prior to undertaking field experience.

#### **Course Structure**

##### **Year 1, Semester 1**

ITB111	Software Development 1
ITB115	Introduction to Databases
ITB116	IT Professional Studies 1
EDB001	Teaching and Learning Studies 1: Teaching in New Times

##### **Year 1, Semester 2**

ITB112	Software Development 2
ITB114	Networking Systems
ITB117	IT Professional Studies 2
	Second Teaching Area Unit

##### **Year 2, Semester 1**

EDB002	Teaching and Learning Studies 2: Development and Learning
EDB031	Secondary Field Studies 1: Development and Learning in the Field
MDB015	Computing Curriculum Studies 1
	Curriculum Studies 1Y

##### **Year 2, Semester 2**

ITB118	ICT Systems Life Cycle, or
	IT Elective Unit*
	IT Elective Unit*
	IT Elective Unit*
	IT Elective Unit*
	Second Teaching Area Unit

##### **Year 3, Semester 1**

	Second Teaching Area Unit
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ITB272	Information Technology Project Management
MGB218	Venture Skills, or
MGB223	Creating New Enterprises, or
	IT Elective Unit*
	IT Elective Unit*
	IT Elective Unit*

\* IT Electives should be chosen from IT Elective Unit List, subject to fulfilling prerequisite requirements. Students should check with IT Course Coordinator.

#### **Year 3, Semester 2**

EDB003	Teaching and Learning Studies 3: Practising Education
EDB032	Secondary Field Studies II: Practising Education in the Field
MDB016	Computing Curriculum Studies 2
	Curriculum Studies 2Y
	IT Project Unit - Select one from the following
ITB240	Project (Information Systems)
ITB447	Project
ITB576	Data Communications Project 1

#### **Year 4, Semester 1**

EDB004	Teaching and Learning Studies IV: Inclusive Education
EDB033	Secondary Field Studies III: Immersion in Inclusive Educational Practices
MDB017	Computing Curriculum Studies 3
	Curriculum Studies 3Y

#### **Year 4, Semester 2**

EDB005	Teaching and Learning Studies V: Professional Work of Teachers
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035	Internship (Secondary) Education Elective

### **Curriculum Studies 1, 2 and 3**

#### **Curriculum Studies 1**

CLB009	Accounting and Business Management Curriculum Studies 1
CLB012	Business Communication Technology Curriculum Studies 1
CLB015	Economics Curriculum Studies 1
CLB018	English Curriculum Studies 1
CLB027	Geography Curriculum Studies 1
CLB030	History Curriculum Studies 1
CLB033	Legal Studies Curriculum Studies 1
MDB021	Mathematics Curriculum Studies 1
MDB027	Science Curriculum Studies 1
CLB039	Social Science Curriculum Studies 1

#### **Curriculum Studies 2**

CLB010	Accounting/Business Management Curriculum Studies 2
CLB013	Business Communication Technology Curriculum Studies 2
CLB016	Economics Curriculum Studies 2
CLB019	English Curriculum Studies 2
CLB028	Geography Curriculum Studies 2
CLB031	History Curriculum Studies 2
CLB034	Legal Studies Curriculum Studies 2
MDB022	Mathematics Curriculum Studies 2
MDB028	Science Curriculum Studies 2
CLB040	Social Science Curriculum Studies 2

#### **Curriculum Studies 3**

CLB011	Accounting/Business Management Curriculum Studies 3
CLB014	Business Communication Technology Curriculum Studies 3
CLB017	Economics Curriculum Studies 3
CLB020	English Curriculum Studies 3
CLB029	Geography Curriculum Studies 3
CLB032	History Curriculum Studies 3
CLB035	Legal Studies Curriculum Studies 3
MDB023	Mathematics Curriculum Studies 3
MDB029	Science Curriculum Studies 3
CLB041	Social Science Curriculum Studies 3

### **IX09 - Faculty of Information Technology Elective Units**

#### **Information Systems**

ITB233	Enterprise Systems Applications
ITB234	Information Analysis
ITB235	Distributed Object Information Systems
ITB236	Object-Oriented Analysis And Design
ITB241	Information Technology Management
ITB243	Knowledge-Based Systems
ITB245	R/3 Systems Administration
ITB254	Interactivity Design
ITB257	Multimedia Systems
ITB258	ABAP Programming

ITB259	Advanced Multimedia Technologies
ITB260	E-Commerce Site Development
ITB262	E-Commerce Technologies
ITB263	Web Intelligence For E-Commerce
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support

#### **Software Engineering**

ITB441	Graphics
ITB442	Foundations Of Artificial Intelligence
ITB454	Software Quality Assurance
ITB456	Graphic User Interfaces
ITB457	Windows Programming
ITB458	Java And Extensible Programming
ITB466	Component Technology
ITB469	Unix Systems Programming And Administration
ITB470	Windows 2000 System Programming And Administration
ITB471	Software Development For The Web

#### **Data Communications**

ITB533	Comparative Network Systems
ITB551	Network Planning
ITB564	Application Services
ITB565	Network Management
ITB566	Introduction To Cryptology
ITB568	Wireless Networks
ITB569	Network Security For E-Commerce

### **IT Elective Units**

#### **Information Systems**

ITB233	Enterprise Systems Applications
ITB236	Object-Oriented Analysis And Design
ITB241	Information Technology Management
ITB243	Knowledge-Based Systems
ITB245	R/3 Systems Administration
ITB254	Interactivity Design
ITB257	Multimedia Systems
ITB258	ABAP Programming
ITB260	E-Commerce Site Development
ITB262	E-Commerce Technologies
ITB263	Web Intelligence For E-Commerce
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support

#### **Software Engineering and Data Communications**

ITB626	Management of Network Systems
ITB628	Network Planning
ITB640	Artificial Intelligence
ITB641	Component and Network Applications
ITB642	Web Application Development
ITB643	Unix Systems Programming
ITB644	Windows Administration
ITB645	Network Security
ITB646	Cryptographic Fundamentals
ITB648	Graphics

### **■ Bachelor of Information**

#### **Technology/Bachelor of Laws (IF38)**

**Award title:** Bachelor of Information Technology/Bachelor of Laws

**CRICOS code:** 006385G

**Location:** Gardens Point

**Course duration (full-time):** 5 Years

**Total credit points:** 528

**Course coordinator:** IT: Dr Alan Tickle; Law, Director, Undergraduate Programs

#### **Cooperative Education Program**

An optional one-year period of paid work experience in an area of information technology is available to eligible full-time students. The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Companies that QUT's Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ and Sun Microsystems.

**Professional Recognition**

The Bachelor of Information Technology component meets the knowledge requirements for membership of the Australian Computer Society. The Bachelor of Laws component covers the areas of law required for the purposes of admission to practise as a Solicitor and/or Barrister in all Australian states and territories.

**Course Structure****Year 1, Semester 1**

ITB111	Software Development 1
ITB113	Systems Architecture
ITB115	Introduction to Databases
ITB116	IT Professional Studies 1

**Year 1, Semester 2**

ITB112	Software Development 2
ITB114	Networking Systems
ITB117	IT Professional Studies 2
ITB118	ICT Systems Life Cycle

**Year 2, Semester 1**

ITB218	Applications Programming
ITB222	Business Systems Analysis
ITB229	Information Systems Modelling
LWB141	Legal Institutions and Method
LWB142	Law, Society and Justice

**Year 2, Semester 2**

ITB227	Web Applications
ITB228	Enterprise Systems
LWB143	Legal Research and Writing
LWB144	Laws and Global Perspectives

**Year 3, Semester 1**

ITB232	Database Systems
	IT Elective Unit
LWB136	Contracts A
LWB138	Fundamentals of Torts
LWB238	Fundamentals of Criminal Law

**Year 3, Semester 2**

ITB240	Project (Information Systems)
LWB137	Contracts B
LWB139	Select Issues in Torts
LWB239	Criminal Responsibility

**Year 4, Semester 1**

LWB231	Introduction to Public Law
LWB236	Real Property A
LWB240	Principles of Equity
LWB333	Theories of Law

**Year 4, Semester 2**

LWB235	Australian Federal Constitutional Law
LWB237	Real Property B
LWB241	Trusts
LWB334	Corporate Law

**Year 5, Semester 1**

LWB332	Commercial and Personal Property Law
LWB431	Civil Procedure
LWB432	Evidence
LWB434	Advanced Research and Legal Reasoning
	Electives

**Year 5, Semester 2**

LWB331	Administrative Law
LWB433	Professional Responsibility
	Electives

**IT Elective Units**

Please refer to the IT Elective Units listed under the **Bachelor of Applied Science/Bachelor of Information Technology (IF29)**.

## ■ Bachelor of Journalism/Bachelor of Business (Advertising, International Business, Public Relations) (IF05)

**Award title:** Bachelor of Journalism/Bachelor of Business (Study Area A)

**CRICOS code:** 040312G

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 4/4.5 Years (8 or 9 Semesters - students may choose)

**Total credit points:** 432

**Standard credit points per semester (full-time):** 48 (Years 1 & 2); 60 (Years 3 & 4)

**Course coordinator:** Dr Lee Duffield (Creative Industries); Mr Andrew Paltridge (Business)

**Discipline coordinator:** TBA (Journalism); Dr Gayle Kerr (Advertising); Dr Beverley Kitching (International Business); Ms Robina Xavier (Public Relations)

**Professional Recognition**

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership as follows:

- All majors: Chartered Secretaries Australia (CSA) - enrolment in the Graduate Diploma in Applied Corporate Governance.
- Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association and the Queensland Commercial Radio Association;
- International Business - Australian Institute of Export;
- Public Relations - Public Relations Institute of Australia.

The Journalism degree is recognised by the Australian Journalists Association section of the Media Entertainment and Arts Alliance.

**Course Design**

Students are required to complete 432 credit points, comprised of 240 credit points from the Bachelor of Business program and 192 credit points from the Bachelor of Journalism program.

For the Business component, students must complete the 96 credit point Faculty Core Units together with a 72 credit point Major and a further 72 credit points in which the student must complete one of the following: Double Major, Extended Major or Specialisation.

**Course Structure****Advertising (8 Semester concurrent model)****Year 1, Semester 1**

BSB122	Quantitative Analysis and Finance
BSB126	Marketing
KJB101	Journalism Information Systems
KJB120	News writing

**Year 1, Semester 2**

AMB200	Consumer Behaviour
AMB220	Advertising Theory and Practice
KJB121	Journalistic Inquiry
KCB213	Strategic Speech Communication

**Year 2, Semester 1**

AMB221	Advertising Copywriting
BSB119	International and Electronic Business
KPB155	Media Production
KJB239	Journalism Ethics And Issues

**Year 2, Semester 2**

AMB222	Media Planning
	Business Double Major / Extended Major / Specialisation Unit
KJB232	Radio And Television Journalism 1
KJB224	Feature Writing

**Year 3, Semester 1**

BSB113	Economics
BSB115	Management, People and Organisations
	Business Double Major / Extended Major / Specialisation Unit

KJB322	Desktop Publishing And Editing
KJB338	Radio And Television Journalism 2

**Year 3, Semester 2**

BSB110	Accounting
BSB114	Government, Business and Society
	Business Double Major / Extended Major / Specialisation Unit

KJB303	News Production
KJB337	Public Affairs Reporting

**Year 4, Semester 1**

AMB320	Advertising Management
BSB111	Business Law and Ethics

Business Double Major / Extended Major / Specialisation Unit  
 KWB250 Introduction to Creative Writing  
 Creative Industries Faculty Core Unit - List A

**Year 4, Semester 2**

AMB321 Advertising Campaigns  
 Creative Industries Faculty Core Unit - List A  
 Creative Industries Elective  
 Business Double Major / Extended Major / Specialisation Unit  
 Business Double Major / Extended Major / Specialisation Unit

**Advertising (9 Semester concurrent model)****Year 1, Semester 1**

BSB122 Quantitative Analysis and Finance  
 BSB126 Marketing  
 KJB101 Journalism Information Systems  
 KJB120 Newswriting

**Year 1, Semester 2**

AMB200 Consumer Behaviour  
 AMB220 Advertising Theory and Practice  
 KJB121 Journalistic Inquiry  
 KCB213 Strategic Speech Communication

**Year 2, Semester 1**

AMB221 Advertising Copywriting  
 BSB119 International and Electronic Business  
 KPB155 Media Production  
 KJB239 Journalism Ethics And Issues

**Year 2, Semester 2**

AMB222 Media Planning  
 Business Double Major / Extended Major / Specialisation Unit  
 KJB232 Radio And Television Journalism 1  
 KJB224 Feature Writing

**Year 3, Semester 1**

BSB115 Management, People and Organisations  
 Business Double Major / Extended Major / Specialisation Unit  
 KJB322 Desktop Publishing And Editing  
 KJB338 Radio And Television Journalism 2

**Year 3, Semester 2**

BSB114 Government, Business and Society  
 KJB303 News Production  
 KJB337 Public Affairs Reporting  
 Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**

AMB320 Advertising Management  
 BSB111 Business Law and Ethics  
 Business Double Major / Extended Major / Specialisation Unit  
 KWB250 Introduction to Creative Writing

**Year 4, Semester 2**

AMB321 Advertising Campaigns  
 Business Double Major / Extended Major / Specialisation Unit  
 Creative Industries Core Unit - List A  
 Creative Industries Elective

**Year 5, Semester 1**

BSB110 Accounting  
 BSB113 Economics  
 Business Double Major / Extended Major / Specialisation Unit  
 Creative Industries Core Unit - List A

**International Business (With no Language - 8 Semester Concurrent Model)****Year 1, Semester 1**

BSB114 Government, Business and Society  
 BSB119 International and Electronic Business  
 KJB101 Journalism Information Systems  
 KJB120 Newswriting

**Year 1, Semester 2**

BSB113 Economics  
 BSB115 Management, People and Organisations  
 KJB121 Journalistic Inquiry  
 KCB213 Strategic Speech Communication

**Year 2, Semester 1**

BSB110 Accounting  
 BSB126 Marketing  
 KPB155 Media Production  
 KJB239 Journalism Ethics And Issues

**Year 2, Semester 2**

IBB202 International Business Development and Finance  
 IBB213 International Marketing  
 KJB232 Radio And Television Journalism 1  
 KJB224 Feature Writing

**Year 3, Semester 1**

IBB210 Export Management  
 International Business Area Study 1  
 Business Double Major / Extended Major / Specialisation Unit  
 KJB322 Desktop Publishing And Editing  
 KJB338 Radio And Television Journalism 2

**Year 3, Semester 2**

BSB111 Business Law and Ethics  
 International Business Area Study 2  
 Business Double Major / Extended Major / Specialisation Unit  
 KJB303 News Production  
 KJB337 Public Affairs Reporting

**Year 4, Semester 1**

BSB122 Quantitative Analysis and Finance  
 Business Double Major / Extended Major / Specialisation Unit  
 Business Double Major / Extended Major / Specialisation Unit  
 KWB250 Introduction to Creative Writing  
 Creative Industries Core Unit - List A

**Year 4, Semester 2**

IBB300 International Business Strategy  
 Business Double Major / Extended Major / Specialisation Unit  
 Business Double Major / Extended Major / Specialisation Unit  
 Creative Industries Elective  
 Creative Industries Core Unit - List A

**International Business Area Study Options:**

Students must complete one of the following pairs of area study units:

IBB208 European Business Development  
 IBB308 Contemporary Business in Europe, or  
 IBB217 Asian Business Development  
 IBB317 Contemporary Business in Asia

**International Business (With no Language - 9 Semester Concurrent Model)****Year 1, Semester 1**

BSB114 Government, Business and Society  
 BSB119 International and Electronic Business  
 KJB101 Journalism Information Systems  
 KJB120 Newswriting

**Year 1, Semester 2**

BSB113 Economics  
 BSB115 Management, People and Organisations  
 KJB121 Journalistic Inquiry  
 KCB213 Strategic Speech Communication

**Year 2, Semester 1**

BSB110 Accounting  
 BSB126 Marketing  
 KPB155 Media Production  
 KJB239 Journalism Ethics And Issues

**Year 2, Semester 2**

IBB202 International Business Development and Finance  
 IBB213 International Marketing  
 KJB232 Radio And Television Journalism 1  
 KJB224 Feature Writing

**Year 3, Semester 1**

IBB210 Export Management  
 International Business Area Study 1  
 KJB322 Desktop Publishing And Editing  
 KJB338 Radio And Television Journalism 2

**Year 3, Semester 2**

BSB111 Business Law and Ethics  
 International Business Area Study 2  
 KJB303 News Production  
 KJB337 Public Affairs Reporting

**Year 4, Semester 1**

- BSB122 Quantitative Analysis and Finance  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit  
KWB250 Introduction to Creative Writing

**Year 4, Semester 2**

- IBB300 International Business Strategy  
Business Double Major / Extended Major / Specialisation Unit  
Creative Industries Core Unit - List A  
Creative Industries Elective

**Year 5, Semester 1**

- Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit  
Creative Industries Core Unit - List A

**International Business Area Study Options:**

Students must complete one of the following pairs of area study units:

- IBB208 European Business Development  
IBB308 Contemporary Business in Europe, or  
IBB217 Asian Business Development  
IBB317 Contemporary Business in Asia

**International Business (With Language - 8 Semester Concurrent Model)**
**Year 1, Semester 1**

- BSB119 International and Electronic Business  
Language 1  
KJB101 Journalism Information Systems  
KJB120 Newswriting

**Year 1, Semester 2**

- BSB113 Economics  
Language 2  
KJB121 Journalistic Inquiry  
KCB213 Strategic Speech Communication

**Year 2, Semester 1**

- BSB126 Marketing  
Language 3  
KPB155 Media Production  
KJB239 Journalism Ethics And Issues

**Year 2, Semester 2**

- IBB202 International Business Development and Finance  
Language 4  
KJB232 Radio And Television Journalism 1  
KJB224 Feature Writing

**Year 3, Semester 1**

- BSB114 Government, Business and Society  
BSB122 Quantitative Analysis and Finance  
Language 5, or  
IBB205 Cross-Cultural Communication and Negotiation  
KJB322 Desktop Publishing And Editing  
KJB338 Radio And Television Journalism 2

**Year 3, Semester 2**

- BSB110 Accounting  
IBB213 International Marketing  
Language 6, or  
International Business Elective Unit (IBB2xx, IBB3xx)  
KJB303 News Production  
KJB337 Public Affairs Reporting

**Year 4, Semester 1**

- BSB115 Management, People and Organisations  
IBB210 Export Management  
International Business Area Study 1  
KWB250 Introduction to Creative Writing  
Creative Industries Core Unit - List A

**Year 4, Semester 2**

- BSB111 Business Law and Ethics  
IBB300 International Business Strategy  
International Business Area Study 2  
Creative Industries Elective  
Creative Industries Core Unit - List A

**International Area Study Units**

Students must complete one of the following pairs of area study units:

- IBB208 European Business Development  
IBB308 Contemporary Business in Europe, or  
IBB217 Asian Business Development  
IBB317 Contemporary Business in Asia

**List of Languages:**

FRENCH  
INDONESIAN  
JAPANESE  
GERMAN

**International Business (With Language - 9 Semester Concurrent Model)**
**Year 1, Semester 1**

- BSB119 International and Electronic Business  
Language 1  
KJB101 Journalism Information Systems  
KJB120 Newswriting

**Year 1, Semester 2**

- BSB113 Economics  
Language 2  
KJB121 Journalistic Inquiry  
KCB213 Strategic Speech Communication

**Year 2, Semester 1**

- BSB126 Marketing  
Language 3  
KPB155 Media Production  
KJB239 Journalism Ethics And Issues

**Year 2, Semester 2**

- IBB202 International Business Development and Finance  
Language 4  
KJB232 Radio And Television Journalism 1  
KJB224 Feature Writing

**Year 3, Semester 1**

- BSB122 Quantitative Analysis and Finance  
Language 5, or  
IBB205 Cross-Cultural Communication and Negotiation  
KJB322 Desktop Publishing And Editing  
KJB338 Radio And Television Journalism 2

**Year 3, Semester 2**

- IBB213 International Marketing  
Language 6, or  
International Business Elective Unit (IBB2xx, IBB3xx)  
KJB303 News Production  
KJB337 Public Affairs Reporting

**Year 4, Semester 1**

- BSB115 Management, People and Organisations  
IBB210 Export Management  
International Business Area Study 1  
KWB250 Introduction to Creative Writing

**Year 4, Semester 2**

- IBB300 International Business Strategy  
International Business Area Study 2  
Creative Industries Elective  
Creative Industries Core Unit - List A

**Year 5, Semester 1**

- BSB110 Accounting  
BSB111 Business Law and Ethics  
BSB114 Government, Business and Society  
Creative Industries Core Unit - List A

**International Business Area Study Units**

Students must complete one of the following pairs of area study units:

- IBB208 European Business Development  
IBB300 International Business Strategy, or  
IBB217 Asian Business Development  
IBB317 Contemporary Business in Asia

**List Of Languages:**

FRENCH  
INDONESIAN  
JAPANESE  
GERMAN

**Public Relations (8 Semester concurrent model)**
**Year 1, Semester 1**

- BSB122 Quantitative Analysis and Finance  
BSB126 Marketing

KJB101 Journalism Information Systems

KJB120 Newswriting

**Year 1, Semester 2**

AMB260 Public Relations Theory and Practice

BSB119 International and Electronic Business

KJB121 Journalistic Inquiry

KCB213 Strategic Speech Communication

**Year 2, Semester 1**

AMB201 Marketing and Audience Research

AMB261 Media Relations and Publicity

KJB239 Journalism Ethics And Issues

KPB155 Media Production

**Year 2, Semester 2**

AMB262 Public Relations Writing

Business Double Major / Extended Major / Specialisation Unit

KJB224 Feature Writing

KJB232 Radio And Television Journalism 1

**Year 3, Semester 1**

BSB113 Economics

BSB115 Management, People and Organisations

Business Double Major / Extended Major / Specialisation Unit

KJB322 Desktop Publishing And Editing

KJB338 Radio And Television Journalism 2

**Year 3, Semester 2**

BSB110 Accounting

BSB114 Government, Business and Society

Business Double Major / Extended Major / Specialisation Unit

KJB303 News Production

KJB337 Public Affairs Reporting

**Year 4, Semester 1**

AMB360 Corporate Communication Management

BSB111 Business Law and Ethics

Business Double Major / Extended Major / Specialisation Unit

KWB250 Introduction to Creative Writing

Creative Industries Faculty Core Unit - List A

**Year 4, Semester 2**

AMB361 Public Relations Campaigns

Business Double Major / Extended Major / Specialisation Unit

Business Double Major / Extended Major / Specialisation Unit

Creative Industries Elective

Creative Industries Core Unit - List A

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 and AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**Public Relations (9 Semester concurrent model)****Year 1, Semester 1**

BSB122 Quantitative Analysis and Finance

BSB126 Marketing

KJB101 Journalism Information Systems

KJB120 Newswriting

**Year 1, Semester 2**

AMB260 Public Relations Theory and Practice

BSB119 International and Electronic Business

KJB121 Journalistic Inquiry

KCB213 Strategic Speech Communication

**Year 2, Semester 1**

AMB201 Marketing and Audience Research

AMB261 Media Relations and Publicity

KPB155 Media Production

KJB239 Journalism Ethics And Issues

**Year 2, Semester 2**

AMB262 Public Relations Writing

Business Double Major / Extended Major / Specialisation Unit

KJB224 Feature Writing

KJB232 Radio And Television Journalism 1

**Year 3, Semester 1**

BSB115 Management, People and Organisations

Business Double Major / Extended Major / Specialisation Unit

KJB322 Desktop Publishing And Editing

KJB338 Radio And Television Journalism 2

**Year 3, Semester 2**

BSB113 Economics

Business Double Major / Extended Major / Specialisation Unit

KJB303 News Production

KJB337 Public Affairs Reporting

**Year 4, Semester 1**

AMB360 Corporate Communication Management

Business Double Major / Extended Major / Specialisation Unit

BSB111 Business Law and Ethics

KWB250 Introduction to Creative Writing

**Year 4, Semester 2**

AMB361 Public Relations Campaigns

Business Double Major / Extended Major / Specialisation Unit

Creative Industries Faculty Core Unit - List A

Creative Industries Elective

**Year 5, Semester 1**

BSB110 Accounting

BSB114 Government, Business and Society

Business Double Major / Extended Major / Specialisation Unit

Creative Industries Faculty Core Unit - List A

The units AMB201 Market and Audience Research and MGB220 Management Research Methods are incompatible units. Students undertaking HRM or Management as a double major should contact the school for enrolment advice. From Semester 2, 2003 students who complete both MGB220 & AMB201 will be required to undertake an approved substitute unit to satisfy course requirements.

**List A: Creative Industries Core Units**

KKB008 Narrative in the Creative Industries

KKB018 Creative Industries

KKB418 Cultures and Creativity

KKB618 Writing For Creative Industries

KKB818 Introduction To Multimedia Technology

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives listed under the **Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)**.

**List of Languages**

Please refer to the List of Languages under the **Bachelor of Creative Industries (Media and Communication)/Bachelor of Business (Advertising, International Business, Public Relations) (IF09)**.

**■ Bachelor of Journalism/Bachelor of Laws (IF07)**

Award title: Bachelor of Journalism/Bachelor of Laws

CRICOS code: 040313G

Location: Gardens Point and Kelvin Grove

Course duration (full-time): 5 Years

Total credit points: 528

Standard credit points per semester (full-time): 48(Semesters 3,4,5,6,9+10), 60(Semesters 1,2,7+8)

Course coordinator: Dr Lee Duffield (Creative Industries);

Director, Undergraduate Programs (Law)

Discipline coordinator: TBA (Creative Industries)

**Professional Recognition**

The law degree component covers all the law units required for admission as a legal practitioner in Australia and is approved for the purposed of the Solicitors' and Barristers' Admission Rules.

**Course Structure****Year 1, Semester 1**

KJB101 Journalism Information Systems

KJB120 Newswriting

Creative Industries Core Unit - See List A

Introduction to Legal Research

LWB141 Legal Institutions and Method



LWB142 Law, Society and Justice  
**Year 1, Semester 2**  
 KJB121 Journalistic Inquiry  
 KCB213 Strategic Speech Communication  
 Creative Industries Core Unit - See List A  
 LWB143 Legal Research and Writing  
 LWB144 Laws and Global Perspectives

**Year 2, Semester 1**  
 KJB239 Journalism Ethics And Issues  
 KJB224 Feature Writing  
 KPB155 Media Production  
 LWB136 Contracts A  
**Year 2, Semester 2**  
 KJB232 Radio And Television Journalism 1  
 KCB336 New Media Technologies  
 Creative Industries Elective  
 LWB137 Contracts B

**Year 3, Semester 1**  
 KJB322 Desktop Publishing And Editing  
 KJB338 Radio And Television Journalism 2  
 LWB138 Fundamentals of Torts  
 LWB238 Fundamentals of Criminal Law

**Year 3, Semester 2**  
 KJB303 News Production  
 KJB337 Public Affairs Reporting  
 LWB139 Select Issues in Torts  
 LWB239 Criminal Responsibility  
**Year 4, Semester 1**  
 LWB231 Introduction to Public Law  
 LWB236 Real Property A  
 LWB240 Principles of Equity  
 LWB332 Commercial and Personal Property Law  
 LWB333 Theories of Law

**Year 4, Semester 2**  
 LWB235 Australian Federal Constitutional Law  
 LWB237 Real Property B  
 LWB241 Trusts  
 LWB331 Administrative Law  
 LWB334 Corporate Law

**Year 5, Semester 1**  
 LWB431 Civil Procedure  
 LWB432 Evidence  
 LWB434 Advanced Research and Legal Reasoning  
 KWB250 Introduction to Creative Writing

**Year 5, Semester 2**  
 LWB433 Professional Responsibility  
 Creative Industries Elective  
 Elective Units

#### List A: Creative Industries Core Units

KKB008 Narrative in the Creative Industries  
 KKB018 Creative Industries  
 KKB418 Cultures and Creativity  
 KKB618 Writing For Creative Industries  
 KKB818 Introduction To Multimedia Technology

#### Creative Industries Open Electives

Please refer to the Creative Industries Open Electives listed under the **Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)**.

### ■ Bachelor of Mass Communication (IF27)

**Award title:** Bachelor of Mass Communication

**CRICOS code:** 037542J

**Location:** Gardens Point and Kelvin Grove

**Course duration (full-time):** 3 Years

**Total credit points:** 288

**Standard credit points per semester (full-time):** 48

**Course coordinator:** Dr Christina Spurgeon

**Discipline coordinator:** Dr Jillian Clare (Media & Communication); Ms Helen Yeates (Television); Dr Lee Duffield (Journalism); Ms Robina Xavier (Advertising and Public Relations)

#### Degree Structure

Students commencing the Bachelor of Mass Communication must complete 24 units of equal weighting totalling 288 credit points comprised of

- Faculty Core (eight faculty core units)
- Major Core (two majors of six units each) and
- Electives (four units).

Although studies can be tailored to meet a specific career goal or create a wide variety of career choices, there is a set of recommended combinations of majors. Students are not required to take these combinations, however they do represent the more common and logical choices within a mass communication qualification.

The recommended combinations are:

- Public Relations and International Journalism
- Public Relations and Media and Communication
- Advertising and Television
- International Journalism and Media and Communication.

#### Professional Recognition

Graduates of the Bachelor of Mass Communication (depending on their choice of majors) may satisfy the academic requirements for membership of the Advertising Institute of Australia and the Society of Business Communicators.

#### General Course Structure

**FACULTY CORE UNITS** - 8 units required

KCB101 Communication in the New Economy  
 KCB213 Strategic Speech Communication  
 KKB618 Writing For Creative Industries  
 KKB818 Introduction To Multimedia Technology  
 AMB201 Marketing and Audience Research  
 AMB220 Advertising Theory and Practice  
 AMB260 Public Relations Theory and Practice  
 BSB126 Marketing

\* Students intending to take the Television sub-major are required to take KWB111 Media Writing in place of KKB618 Writing for the Creative Industries.

**MAJOR CORE UNITS** - 12 units required - Select two of the following 6 units majors

#### Advertising

AMB200 Consumer Behaviour  
 AMB221 Advertising Copywriting  
 AMB222 Media Planning  
 AMB320 Advertising Management  
 AMB330 Advertising Strategy and Planning  
 Plus one of the following units:  
 AMB202 Integrated Marketing Communication  
 AMB230 Internet Promotion

#### Public Relations

AMB230 Internet Promotion  
 AMB261 Media Relations and Publicity  
 AMB262 Public Relations Writing  
 AMB370 Public Relations Cases  
 AMB361 Public Relations Campaigns  
 Plus one of the following units:  
 AMB202 Integrated Marketing Communication  
 AMB231 Marketing Communications Regulations and Ethics

#### Media and Communication

KCB150 Media and Communications Industries  
 KCB336 New Media Technologies  
 KWB314 Corporate Writing and Editing  
 KCB335 Managing Communication Resources  
 KCB311 Political Communication  
 KCB349 Media Audiences

\* Students may enrol in KKB320 Workplace Learning instead of KCB311 Political Communication subject to the approval of the Media and Communication Major Coordinator

#### Television\*

KPB370 Principles of Television  
 KPB141 Film And Television Languages  
 KPB155 Media Production  
 KPB209 Australian Television  
 KPB260 Community And Educational Video

**KPB371 Advanced Principles of Television**

\*Students commencing the Television submajor from 2004 will undertake this sequence of units. Students who commenced the Television submajor prior to 2004 will complete the units of study indicated in the 2003 course summary sheet.

**International Journalism**

KJB101 Journalism Information Systems

KJB120 Newswriting

KJB121 Journalistic Inquiry

KJB224 Feature Writing

KJB280 International Journalism

KJB337 Public Affairs Reporting

\*\* Students may enrol in KKB320 Workplace Learning instead of KJB337 Public Affairs Reporting subject to the approval of the Journalism Major Coordinator

**Electives - 4 units required**

Select four units from any Faculty.

**Course Structure****Advertising / International Journalism****Year 1, Semester 1**

BSB126 Marketing

KCB101 Communication in the New Economy

KJB101 Journalism Information Systems

KKB618 Writing For Creative Industries

**Year 1, Semester 2**

AMB200 Consumer Behaviour

AMB220 Advertising Theory and Practice

KJB120 Newswriting

KKB818 Introduction To Multimedia Technology

**Year 2, Semester 1**

AMB201 Marketing and Audience Research

AMB222 Media Planning

AMB260 Public Relations Theory and Practice

KJB121 Journalistic Inquiry

**Year 2, Semester 2**

AMB221 Advertising Copywriting

KCB213 Strategic Speech Communication

KJB280 International Journalism  
Elective

**Year 3, Semester 1**

AMB320 Advertising Management

AMB330 Advertising Strategy and Planning

KJB224 Feature Writing  
Elective

**Year 3, Semester 2**

AMB202 Integrated Marketing Communication, or

AMB230 Internet Promotion

KJB337 Public Affairs Reporting  
Elective  
Elective

\* Students may enrol in KKB320 Workplace Learning instead of KJB337 subject to approval of the Journalism Major Coordinator

**Advertising / Media & Communication****Year 1, Semester 1**

BSB126 Marketing

KCB101 Communication in the New Economy

KCB213 Strategic Speech Communication

KKB618 Writing For Creative Industries

**Year 1, Semester 2**

AMB201 Marketing and Audience Research

AMB200 Consumer Behaviour

AMB220 Advertising Theory and Practice

KCB150 Media and Communications Industries

**Year 2, Semester 1**

AMB222 Media Planning

AMB260 Public Relations Theory and Practice

KCB349 Media Audiences

KKB818 Introduction To Multimedia Technology

**Year 2, Semester 2**

AMB221 Advertising Copywriting

KCB336 New Media Technologies

KWB314 Corporate Writing and Editing  
Elective

**Year 3, Semester 1**

AMB320 Advertising Management

AMB330 Advertising Strategy and Planning

KCB311 Political Communication  
Elective

**Year 3, Semester 2**

AMB202 Integrated Marketing Communication, or

AMB230 Internet Promotion

KCB335 Managing Communication Resources  
Elective  
Elective

\* Students may enrol in KKB320 Workplace Learning instead of KCB311 Political Communication, subject to the approval of the Media & Communication Major Coordinator.

**Advertising / Television****Year 1, Semester 1**

BSB126 Marketing

KCB213 Strategic Speech Communication

KKB818 Introduction To Multimedia Technology

KWB111 Media Writing

**Year 1, Semester 2**

AMB200 Consumer Behaviour

AMB220 Advertising Theory and Practice

KCB101 Communication in the New Economy

KPB141 Film And Television Languages

**Year 2, Semester 1**

AMB201 Marketing and Audience Research

AMB222 Media Planning

KPB209 Australian Television

KPB370 Principles of Television

**Year 2, Semester 2**

AMB260 Public Relations Theory and Practice

KPB155 Media Production

AMB320 Advertising Management  
Elective

**Year 3, Semester 1**

AMB221 Advertising Copywriting

AMB330 Advertising Strategy and Planning

KPB260 Community And Educational Video  
Elective

**Year 3, Semester 2**

AMB202 Integrated Marketing Communication, or

AMB230 Internet Promotion

KPB371 Advanced Principles of Television  
Elective  
Elective

**Advertising/Public Relations****Year 1, Semester 1**

BSB126 Marketing

KCB101 Communication in the New Economy

KCB213 Strategic Speech Communication

KKB618 Writing For Creative Industries

**Year 1, Semester 2**

AMB200 Consumer Behaviour

AMB201 Marketing and Audience Research

AMB220 Advertising Theory and Practice

AMB260 Public Relations Theory and Practice

**Year 2, Semester 1**

AMB222 Media Planning

AMB230 Internet Promotion

AMB261 Media Relations and Publicity

KKB818 Introduction To Multimedia Technology

**Year 2, Semester 2**

AMB221 Advertising Copywriting

AMB231 Marketing Communications Regulations and Ethics

AMB262 Public Relations Writing  
Elective

**Year 3, Semester 1**

AMB202 Integrated Marketing Communication

AMB330 Advertising Strategy and Planning

AMB370 Public Relations Cases  
Elective

**Year 3, Semester 2**

AMB320 Advertising Management

AMB361 Public Relations Campaigns  
Elective  
Elective

**Public Relations / Television****Year 1, Semester 1**

BSB126	Marketing
KCB101	Communication in the New Economy
KWB111	Media Writing
KCB213	Strategic Speech Communication

**Year 1, Semester 2**

AMB220	Advertising Theory and Practice
AMB260	Public Relations Theory and Practice
KKB818	Introduction To Multimedia Technology
KPB141	Film And Television Languages

**Year 2, Semester 1**

AMB201	Marketing and Audience Research
AMB261	Media Relations and Publicity
KPB209	Australian Television
KPB370	Principles of Television

**Year 2, Semester 2**

AMB230	Internet Promotion
AMB262	Public Relations Writing
KPB155	Media Production
	Elective

**Year 3, Semester 1**

AMB370	Public Relations Cases
KPB260	Community And Educational Video
	Elective
	Elective

**Year 3, Semester 2**

AMB202	Integrated Marketing Communication, or
AMB231	Marketing Communications Regulations and Ethics
AMB361	Public Relations Campaigns
KPB371	Advanced Principles of Television
	Elective

**Public Relations / Media & Communication****Year 1, Semester 1**

BSB126	Marketing
KCB101	Communication in the New Economy
KCB213	Strategic Speech Communication
KKB618	Writing For Creative Industries

**Year 1, Semester 2**

AMB201	Marketing and Audience Research
AMB260	Public Relations Theory and Practice
KCB150	Media and Communications Industries
KCB336	New Media Technologies

**Year 2, Semester 1**

AMB220	Advertising Theory and Practice
AMB261	Media Relations and Publicity
KKB818	Introduction To Multimedia Technology
KCB349	Media Audiences

**Year 2, Semester 2**

AMB230	Internet Promotion
AMB262	Public Relations Writing
KWB314	Corporate Writing and Editing
	Elective

**Year 3, Semester 1**

AMB370	Public Relations Cases
KCB311	Political Communication
	Elective
	Elective

**Year 3, Semester 2**

AMB202	Integrated Marketing Communication, or
AMB231	Marketing Communications Regulations and Ethics
AMB361	Public Relations Campaigns
KCB335	Managing Communication Resources
	Elective

\* Students may enrol in KKB320 Workplace Learning instead of KCB311 Political Communication, subject to the approval of the Media & Communication Major Coordinator.

**Public Relations / International Journalism****Year 1, Semester 1**

BSB126	Marketing
KCB101	Communication in the New Economy
KJB101	Journalism Information Systems
KKB618	Writing For Creative Industries

**Year 1, Semester 2**

AMB220	Advertising Theory and Practice
AMB260	Public Relations Theory and Practice
KCB213	Strategic Speech Communication

KJB120	Newswriting
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**Year 2, Semester 1**

AMB201	Marketing and Audience Research
AMB230	Internet Promotion
AMB261	Media Relations and Publicity
KJB121	Journalistic Inquiry

**Year 2, Semester 2**

AMB262	Public Relations Writing
KJB280	International Journalism
KKB818	Introduction To Multimedia Technology
	Elective

**Year 3, Semester 1**

AMB370	Public Relations Cases
KJB224	Feature Writing
	Elective
	Elective

**Year 3, Semester 2**

AMB202	Integrated Marketing Communication, or
AMB231	Marketing Communications Regulations and Ethics
AMB361	Public Relations Campaigns
KJB337	Public Affairs Reporting
	Elective

\* Students may enrol in KKB320 Workplace Learning instead of KJB337 subject to approval of the Journalism Discipline Coordinator.

**Media & Communication / Television****Year 1, Semester 1**

BSB126	Marketing
KCB101	Communication in the New Economy
KCB213	Strategic Speech Communication
KWB111	Media Writing

**Year 1, Semester 2**

AMB201	Marketing and Audience Research
KCB150	Media and Communications Industries
KKB818	Introduction To Multimedia Technology
KPB141	Film And Television Languages

**Year 2, Semester 1**

AMB220	Advertising Theory and Practice
KCB349	Media Audiences
KPB209	Australian Television
KPB370	Principles of Television

**Year 2, Semester 2**

KCB336	New Media Technologies
KPB155	Media Production
KWB314	Corporate Writing and Editing
	Elective

**Year 3, Semester 1**

AMB260	Public Relations Theory and Practice
KCB311	Political Communication
KPB260	Community And Educational Video
	Elective

**Year 3, Semester 2**

KCB335	Managing Communication Resources
KPB371	Advanced Principles of Television
	Elective
	Elective

\* Students may enrol in KKB320 Workplace Learning instead of KCB311 Political Communication, subject to the approval of the Media & Communication Major Coordinator.

**Media & Communication / International Journalism****Year 1, Semester 1**

BSB126	Marketing
KCB101	Communication in the New Economy
KJB101	Journalism Information Systems
KKB618	Writing For Creative Industries

**Year 1, Semester 2**

AMB201	Marketing and Audience Research
AMB260	Public Relations Theory and Practice
KCB150	Media and Communications Industries
KJB120	Newswriting

**Year 2, Semester 1**

KCB213	Strategic Speech Communication
KCB349	Media Audiences
KJB121	Journalistic Inquiry
KKB818	Introduction To Multimedia Technology

**Year 2, Semester 2**

AMB220	Advertising Theory and Practice
KCB336	New Media Technologies

KJB280 International Journalism  
KWB314 Corporate Writing and Editing

**Year 3, Semester 1**

KCB311 Political Communication  
KJB224 Feature Writing  
Elective  
Elective

**Year 3, Semester 2**

KCB335 Managing Communication Resources  
KJB337 Public Affairs Reporting  
Elective  
Elective

\*Students may enrol in KKB320 Workplace Learning instead of KCB311 Political Communication, subject to the approval of the Media & Communication Major Coordinator, or KJB337 Public Affairs Reporting, subject to approval of the Journalism Major Coordinator.

**Television/International Journalism**

**Year 1, Semester 1**

BSB126 Marketing  
KCB101 Communication in the New Economy  
KJB101 Journalism Information Systems  
KWB111 Media Writing

**Year 1, Semester 2**

AMB220 Advertising Theory and Practice  
KCB213 Strategic Speech Communication  
KJB120 Newswriting  
KPB141 Film And Television Languages

**Year 2, Semester 1**

KJB121 Journalistic Inquiry  
KKB818 Introduction To Multimedia Technology  
KPB209 Australian Television  
KPB370 Principles of Television

**Year 2, Semester 2**

AMB201 Marketing and Audience Research  
AMB260 Public Relations Theory and Practice  
KJB280 International Journalism  
KPB155 Media Production

**Year 3, Semester 1**

KJB224 Feature Writing  
KPB260 Community And Educational Video  
Elective  
Elective

**Year 3, Semester 2**

KJB337 Public Affairs Reporting  
KPB371 Advanced Principles of Television  
Elective  
Elective

\* Students may enrol in KKB320 Workplace Learning instead of KJB337 subject to approval of the Journalism Discipline Coordinator

**Creative Industries Open Electives**

Please refer to the Creative Industries Open Electives listed under the **Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology (IF90)**.

**■ Bachelor of Mathematics/Bachelor of Business (Accountancy, Banking and Finance or Economics) (IF60)**

**Award title:** Bachelor of Mathematics/Bachelor of Business (Study Area A)

**CRICOS code:** 027274G

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (Average)

**Course coordinator:** Dr Jack Wrigley (Mathematics); Mr Andrew Paltridge (Business)

**Discipline coordinator:** Dr John Sweeting (Accountancy); Dr Adam Clements (Banking & Finance) and Dr Radhika Lahiri (Economics)

**Professional Recognition**

The Bachelor of Mathematics degree may allow graduates to satisfy the academic requirements for membership of the Mathematical Society of Australia, the Statistical Society of

Australia and, depending on unit selection, the Australian Society of Operations Research.

The Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, allow graduates to satisfy the academic requirements for membership of: Economic Society of Australia, Australian Institute of Management, Australasian Institute of Banking and Finance (AIBF), Chartered Secretaries Australia, CPA Australia and the Institute of Chartered Accountants in Australia (ICAA).

**Course Design**

Students are required to complete 432 credit points comprised of 204 credit points from the Bachelor of Mathematics program, or the Bachelor of Applied Science (Mathematics) program, and 228 credit points from the Bachelor of Business program.

**Course Structure**

**Accountancy Major (For students with SA in Senior Maths B & C)**

**Year 1, Semester 1**

BSB110 Accounting  
BSB113 Economics  
MAB101 Statistical Data Analysis 1  
MAB111 Mathematical Sciences 1B

**Year 1, Semester 2**

AYB121 Financial Accounting  
BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
MAB112 Mathematical Sciences 1C  
MAB210 Statistical Modelling 1

**Year 2, Semester 1**

AYB220 Company Accounting  
BSB111 Business Law and Ethics  
MAB311 Advanced Calculus  
MAB313 Mathematics of Finance

**Year 2, Semester 2**

AYB221 Computerised Accounting Systems  
BSB126 Marketing  
MAB220 Computational Mathematics 1  
Mathematics Elective (Level 2 or 3)  
Business Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 1**

AYB225 Management Accounting  
BSB115 Management, People and Organisations  
MAB312 Linear Algebra  
Mathematics Elective (Level 2 or 3)  
Business Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 2**

BSB114 Government, Business and Society  
Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**

AYB301 Auditing  
Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**

Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

**Accountancy Major (For students with SA in Senior Maths B only)**

**Year 1, Semester 1**

BSB110 Accounting  
BSB113 Economics  
MAB100 Mathematical Sciences 1A

MAB101 Statistical Data Analysis 1

**Year 1, Semester 2**

AYB121 Financial Accounting  
BSB122 Quantitative Analysis and Finance  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C  
MAB210 Statistical Modelling 1

**Year 2, Semester 1**

AYB220 Company Accounting  
BSB111 Business Law and Ethics  
MAB311 Advanced Calculus  
MAB313 Mathematics of Finance

**Year 2, Semester 2**

AYB221 Computerised Accounting Systems  
BSB126 Marketing  
MAB220 Computational Mathematics 1  
Mathematics Elective (Level 2 or 3)  
Business Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 1**

AYB225 Management Accounting  
BSB115 Management, People and Organisations  
MAB312 Linear Algebra  
Mathematics Elective (Level 2 or 3)  
Business Double Major / Extended Major / Specialisation Unit

**Year 3, Semester 2**

BSB114 Government, Business and Society  
Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 1**

AYB301 Auditing  
Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Business Double Major / Extended Major / Specialisation Unit

**Year 4, Semester 2**

Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Business Double Major / Extended Major / Specialisation Unit  
Business Double Major / Extended Major / Specialisation Unit

**Note:** Students must select BSB119 International & Electronic Business to replace one of the Mathematics Electives.

**Banking and Finance Major (for students with SA in Senior Maths B & C)**

**Year 1, Semester 1**

BSB110 Accounting  
BSB113 Economics  
MAB101 Statistical Data Analysis 1  
MAB111 Mathematical Sciences 1B

**Year 1, Semester 2**

BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
EFB102 Economics 2  
MAB112 Mathematical Sciences 1C  
MAB210 Statistical Modelling 1

**Year 2, Semester 1**

BSB126 Marketing  
EFB210 Finance 1  
MAB311 Advanced Calculus  
MAB313 Mathematics of Finance

**Year 2, Semester 2**

BSB111 Business Law and Ethics  
BSB114 Government, Business and Society  
EFB307 Finance 2  
MAB220 Computational Mathematics 1  
Mathematics Elective (Level 2 or 3)

**Year 3, Semester 1**

BSB115 Management, People and Organisations  
EFB201 Financial Markets  
MAB312 Linear Algebra  
Mathematics Elective (Level 2 or 3)  
Business Double Major/Extended Major/Specialisation

**Year 3, Semester 2**

EFB312 International Finance  
Mathematics Elective (Level 2 or 3)  
Business Double Major/Extended Major/Specialisation  
Business Double Major/Extended Major/Specialisation

**Year 4, Semester 1**

Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Business Double Major/Extended Major/Specialisation  
Business Double Major/Extended Major/Specialisation

**Year 4, Semester 2**

Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Business Double Major/Extended Major/Specialisation

**Banking and Finance Major (for students with SA in Senior Maths B only)**

**Year 1, Semester 1**

BSB110 Accounting  
BSB113 Economics  
MAB100 Mathematical Sciences 1A  
MAB101 Statistical Data Analysis 1

**Year 1, Semester 2**

BSB122 Quantitative Analysis and Finance  
EFB102 Economics 2  
MAB111 Mathematical Sciences 1B  
MAB112 Mathematical Sciences 1C  
MAB210 Statistical Modelling 1

**Year 2, Semester 1**

BSB126 Marketing  
EFB210 Finance 1  
MAB311 Advanced Calculus  
MAB313 Mathematics of Finance

**Year 2, Semester 2**

BSB111 Business Law and Ethics  
BSB114 Government, Business and Society  
EFB307 Finance 2  
MAB220 Computational Mathematics 1  
Mathematics Elective (Level 2 or 3)

**Year 3, Semester 1**

BSB115 Management, People and Organisations  
EFB201 Financial Markets  
MAB312 Linear Algebra  
Mathematics Elective (Level 2 or 3)  
Business Double Major/Extended Major/Specialisation

**Year 3, Semester 2**

EFB312 International Finance  
Mathematics Elective (Level 2 or 3)  
Business Double Major/Extended Major/Specialisation  
Business Double Major/Extended Major/Specialisation

**Year 4, Semester 1**

Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Business Double Major/Extended Major/Specialisation  
Business Double Major/Extended Major/Specialisation

**Year 4, Semester 2**

Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Mathematics Elective (Level 2 or 3)  
Business Double Major/Extended Major/Specialisation

**Note:** Students must select BSB119 International & Electronic Business to replace one of the Mathematics Electives

**Economics Major (for students with SA in Senior Maths B & C)**

**Year 1, Semester 1**

BSB110 Accounting  
BSB113 Economics  
MAB101 Statistical Data Analysis 1  
MAB111 Mathematical Sciences 1B

**Year 1, Semester 2**

BSB119 International and Electronic Business  
BSB122 Quantitative Analysis and Finance  
EFB102 Economics 2  
MAB112 Mathematical Sciences 1C  
MAB210 Statistical Modelling 1

**Year 2, Semester 1**

EFB202	Business Cycles and Economic Growth
EFB211	Firms, Markets and Resources
MAB311	Advanced Calculus
MAB313	Mathematics of Finance

**Year 2, Semester 2**

BSB114	Government, Business and Society
BSB126	Marketing
EFB323	Financial and Monetary Economics
MAB220	Computational Mathematics 1
	Mathematics Elective (Level 2 or 3)

**Year 3, Semester 1**

BSB115	Management, People and Organisations
MAB312	Linear Algebra
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation
	Business Double Major/Extended Major/Specialisation

**Year 3, Semester 2**

EFB314	International Trade and Economic Competitiveness
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation
	Business Double Major/Extended Major/Specialisation

**Year 4, Semester 1**

BSB111	Business Law and Ethics
	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation

**Year 4, Semester 2**

	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation

**Economics Major (for students with SA in Senior Maths B only)****Year 1, Semester 1**

BSB110	Accounting
BSB113	Economics
MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1

**Year 1, Semester 2**

BSB122	Quantitative Analysis and Finance
EFB102	Economics 2
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C
MAB210	Statistical Modelling 1

**Year 2, Semester 1**

EFB202	Business Cycles and Economic Growth
EFB211	Firms, Markets and Resources
MAB311	Advanced Calculus
MAB313	Mathematics of Finance

**Year 2, Semester 2**

BSB114	Government, Business and Society
BSB126	Marketing
EFB323	Financial and Monetary Economics
MAB220	Computational Mathematics 1
	Mathematics Elective (Level 2 or 3)

**Year 3, Semester 1**

BSB115	Management, People and Organisations
MAB312	Linear Algebra
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation
	Business Double Major/Extended Major/Specialisation

**Year 3, Semester 2**

EFB314	International Trade and Economic Competitiveness
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation
	Business Double Major/Extended Major/Specialisation

**Year 4, Semester 1**

BSB111	Business Law and Ethics
	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Business Double Major/Extended Major/Specialisation

**Year 4, Semester 2**

	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)
	Mathematics Elective (Level 2 or 3)

**Business Double Major/Extended Major/Specialisation**

**Note:** Students must select BSB119 International & Electronic Business to replace one of the Mathematics Electives.

**Extended Major in Banking**

AYB225	Management Accounting
AYB312	Financial Institutions Law
EFB310	Financial Institutions - Control
EFB311	Financial Institutions - Lending
	Plus two units from the Banking Extended Major Options listed below:
EFB200	Applied Regression Analysis
EFB308	Finance 3
EFB309	Financial Derivatives
EFB318	Portfolio and Security Analysis
EFB326	Applied Portfolio Management

**Extended Major in Financial Economics (for Banking & Finance Major)**

EFB202	Business Cycles and Economic Growth
EFB211	Firms, Markets and Resources
EFB324	Macroeconomics and Global Financial Markets
EFB325	Financial Microeconomics
EFB326	Applied Portfolio Management
	Plus one unit from the Financial Economics Extended Major Options list below
EFB200	Applied Regression Analysis
EFB308	Finance 3
EFB309	Financial Derivatives
EFB318	Portfolio and Security Analysis

**Extended Major in Financial Economics (for Economics Major)**

EFB210	Finance 1
EFB324	Macroeconomics and Global Financial Markets
EFB325	Financial Microeconomics
EFB326	Applied Portfolio Management
	Plus two units from the Financial Economics Extended Major Options list below:
EFB200	Applied Regression Analysis
EFB201	Financial Markets
EFB327	Econometrics of Financial Markets
EFB328	Public Economics and Finance

**Extended Major in Funds Management**

AYB225	Management Accounting
EFB308	Finance 3
EFB309	Financial Derivatives
EFB318	Portfolio and Security Analysis
	Plus two units from the Funds Management Extended Major Options list below:
AYB312	Financial Institutions Law
EFB200	Applied Regression Analysis
EFB310	Financial Institutions - Control
EFB311	Financial Institutions - Lending
EFB326	Applied Portfolio Management

**Extended Major in Professional Accounting**

AYB223	Law of Business Associations
AYB325	Taxation Law
EFB102	Economics 2
EFB210	Finance 1
AYB311	Financial Accounting Issues
AYB321	Strategic Management Accounting

**Mathematics Electives****Level 2 units**

MAB311	Advanced Calculus
MAB312	Linear Algebra
MAB313	Mathematics of Finance
MAB314	Statistical Modelling 2
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling
MAB480	Introduction to Scientific Computation
MAB481	Visualisation and Data Analysis

**Level 3 units**

MAB521	Applied Mathematics 3
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MAB522	Computational Mathematics 3
MAB523	Introduction to Quality Management
MAB524	Statistical Inference
MAB525	Operations Research 3A
MAB526	Statistical Science 3
MAB580	Scientific Computation
MAB613	Partial Differential Equations
MAB621	Discrete Mathematics
MAB623	Financial Mathematics
MAB624	Applied Statistics 3
MAB625	Operations Research 3B
MAB640	Industry Project
MAB672	Advanced Mathematical Modelling
MAB681	Advanced Visualisation and Data Analysis

**Notes:** MAB311 Advanced Calculus and MAB312 Linear Algebra are mandatory for students who commenced in 2004 onwards. They can be taken in a different semester 1 to that suggested in the programs above. For students commencing in 2004 onwards, the units MAB523 Introduction to Quality Management and MAB621 Discrete Mathematics do not contribute to the mandatory 48 credit points minimum from Level 3 Mathematics units. This does not apply for students who commenced prior to 2004.

## ■ Bachelor of Mathematics/Bachelor of Information Technology (IF58)

**Award title:** Bachelor of Mathematics/Bachelor of Information Technology

**CRICOS code:** 020327M

**Location:** Gardens Point

**Course duration (full-time):** 4 Years

**Total credit points:** 420 (Note: The minimum course load per semester required for full-time enrolment may be more than 36 credit points)

**Course coordinator:** Professor Helen MacGillivray (Science)

**Discipline coordinator:** Dr Gary Carter (Mathematics), Dr Alan Tickle (Information Technology)

### Professional Recognition

On graduation, students will be eligible for membership of the Mathematical Society of Australia, the Statistical Society of Australia Inc and, depending on unit selection, the Australian Society for Operations Research. Graduates of the Bachelor of Information Technology meet the knowledge requirement for admission to the Australian Computer Society.

### Course Design

The double degree offers a foundation in mathematics and information technology in the first year. Students will then select integrated strands combining units from the areas of applicable mathematics, computational mathematics, operations research, statistics, or financial mathematics with a combined major in data communications/software engineering.

### Cooperative Education Program

An optional one-year period of paid work experience in an area of information technology is available to eligible full-time students. The Cooperative Education Program is a joint venture between employers and educators to better prepare students for employment upon graduation. Companies that QUT's Cooperative Education students have worked with include Energex, Boeing, CITEC, Global Banking and Securities Transaction, various Queensland Government departments, Dialog, TABQ, RACQ and Sun Microsystems.

### For students with four semesters of Senior Mathematics B and Senior Mathematics C (or equivalent) with an exit assessment of at least Sound Achievement in both

#### Year 1, Semester 1

ITB111	Software Development 1
ITB115	Introduction to Databases
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C

#### Year 1, Semester 2

ITB112	Software Development 2
ITB113	Systems Architecture
ITB116	IT Professional Studies 1
MAB210	Statistical Modelling 1
MAB220	Computational Mathematics 1

#### Year 2, Semester 1

ITB113	Systems Architecture
ITB610	Software Development 3
ITB624	Internetworking
MAB101	Statistical Data Analysis 1
MAB312	Linear Algebra

#### Year 2, Semester 2

ITB627	Network Technologies
ITB629	Network Services
	Level 2 or 3 Maths unit
	Level 2 or 3 Maths unit

#### Year 3, Semester 1

ITB611	Object Technology
	IT Elective Unit
MAB311	Advanced Calculus
	Level 2 or 3 Maths unit

#### Year 3, Semester 2

ITB612	Software Engineering Principles
	IT Elective Unit
	Level 2 or 3 Maths unit
	Level 2 or 3 Maths unit
	Elective (This elective unit may be taken from any faculty in QUT, subject to the approval of the Head of School)

#### Year 4, Semester 1

ITB613	Advanced Programming Laboratory
	IT Elective Unit
	Level 2 or 3 Maths unit
	Level 2 or 3 Maths unit

#### Year 4, Semester 2

	IT Elective Unit
	IT Elective Unit
	Level 2 or 3 Maths unit
	Level 2 or 3 Maths unit

### For students with four semesters of Senior Mathematics B (or equivalent) only, with an exit assessment of at least Sound Achievement

#### Year 1, Semester 1

ITB111	Software Development 1
ITB115	Introduction to Databases
MAB100	Mathematical Sciences 1A
MAB101	Statistical Data Analysis 1

#### Year 1, Semester 2

ITB112	Software Development 2
ITB114	Networking Systems
ITB118	ICT Systems Life Cycle
MAB111	Mathematical Sciences 1B
MAB112	Mathematical Sciences 1C

#### Year 2, Semester 1

ITB113	Systems Architecture
ITB610	Software Development 3
ITB624	Internetworking
MAB220	Computational Mathematics 1
MAB312	Linear Algebra

#### Year 2, Semester 2

ITB627	Network Technologies
ITB629	Network Services
MAB210	Statistical Modelling 1
	Level 2 or 3 Maths unit

#### Year 3, Semester 1

ITB611	Object Technology
	IT Elective unit
MAB311	Advanced Calculus
	Level 2 or 3 Maths unit

#### Year 3, Semester 2

ITB612	Software Engineering Principles
	IT Elective unit
	Level 2 or 3 Maths unit
	Level 2 or 3 Maths unit
	Level 2 or 3 Maths unit

#### Year 4, Semester 1

ITB613	Advanced Programming Laboratory
	IT Elective unit

Level 2 or 3 Maths unit

Level 2 or 3 Maths unit

#### **Year 4, Semester 2**

IT Elective unit

IT Elective unit

Level 2 or 3 Maths unit

Level 2 or 3 Maths unit

### **Mathematics Units**

Students must complete at least 48 credit points from Level 3 mathematics units

#### **Level 2 Units**

MAB311 Advanced Calculus

MAB312 Linear Algebra

MAB313 Mathematics of Finance

MAB314 Statistical Modelling 2

MAB315 Operations Research 2

MAB413 Differential Equations

MAB414 Applied Statistics 2

MAB420 Computational Mathematics 2

MAB422 Mathematical Modelling

MAB480 Introduction to Scientific Computation

MAB481 Visualisation and Data Analysis

#### **Level 3 Units**

MAB521 Applied Mathematics 3

MAB522 Computational Mathematics 3

MAB523 Introduction to Quality Management

MAB524 Statistical Inference

MAB525 Operations Research 3A

MAB526 Statistical Science 3

MAB580 Scientific Computation

MAB613 Partial Differential Equations

MAB621 Discrete Mathematics

MAB623 Financial Mathematics

MAB624 Applied Statistics 3

MAB625 Operations Research 3B

MAB640 Industry Project

MAB672 Advanced Mathematical Modelling

MAB681 Advanced Visualisation and Data Analysis

**Notes:** For students commencing in 2004 onwards, the units MAB311 Advanced Calculus and MAB312 Linear Algebra are mandatory. The suggested locations can be swapped.

For students commencing in 2004 onwards, the units MAB523

Introduction to Quality Management and MAB621 Discrete Mathematics do not contribute to the mandatory 48 credit points minimum from Level 3 Mathematics units.

All Mathematics units have 4 contact hours per week.

### **IT Elective Units**

Please refer to the IT Elective Units listed under the **Bachelor of Applied Science/Bachelor of Information Technology (IF29)**.

## **■ Bachelor of Music/Bachelor of Education (Secondary) (IX07)**

**Award title:** Bachelor of Music/Bachelor of Education (Secondary)

**CRICOS code:** 020319M

**Location:** Kelvin Grove and Carseldine

**Course duration (full-time):** 4 years

**Total credit points:** 432

**Standard credit points per semester (full-time):** 54 (average).

(Note that the minimum enrolment for full-time status varies each year).

**Course coordinator:** Creative Industries: Dr Steve Dillon;

Education Coordinator: Dr Peter Bond

**Discipline coordinator:** Creative Industries: Prof Andy Arthurs

### **Professional Recognition**

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland.

Applicants for teacher registration in Queensland are subject to national criminal history checks.

### **Field Experience Requirement**

The Bachelor of Education (Secondary) is recognised by the Queensland Board of Teacher Registration as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks.

## **Second Teaching Area - Instrumental Music**

### **Year 1, Semester 1**

Creative Industries Core Unit - List A

KMB651 Music Performance 1

KMB632 Core Musicianship 1

KMB619 Music And Sound Technology

Choose one unit from:

KMB616-1 Group Music

KMB618 Soundtracks For Film And Television

KMB623 Conducting

KMB631 World Music

KMB640 Sex Drugs Rock N Roll

### **Year 1, Semester 2**

Creative Industries Core Unit - List A

KMB652 Music Performance 2

KMB633 Core Musicianship 2

KMB621 Sound Recording And Acoustics

KMB622 Multi-Instrumental Music A

### **Year 2, Semester 1**

KMB630 Music Textures

KMB653 Music Performance 3

KMB637 Jazz And Popular Musicianship

KMB636 Cross Cultural Musicianship

KMB623 Conducting

### **Year 2, Semester 2**

KMB654 Music Performance 4

KMB635 Sound Media Musicianship

KMB634 Contemporary Art Music Musicianship

KMB628 Multi-Instrumental Music B

KMB617 Arranging

**Notes:** KMB619 Advanced Conducting (Summer fee paying unit) may count as a music elective whose prerequisite is KMB623 Conducting. See the Course Coordinator for details.

KMB619 is delivered in Intensive Mode in the week prior to the start of first semester.

## **Second Teaching Area - Primary Music**

### **Year 1, Semester 1**

Creative Industries Core Unit - List A

KMB651 Music Performance 1, or

KMB657 Music Production 1

KMB632 Core Musicianship 1

KMB619 Music And Sound Technology

Select one unit from:

KMB616-1 Group Music

KMB618 Soundtracks For Film And Television

KMB623 Conducting

KMB631 World Music

KMB640 Sex Drugs Rock N Roll

### **Year 1, Semester 2**

Creative Industries Core Unit - List A

KMB633 Core Musicianship 2

KMB652 Music Performance 2

AND

KMB621 Sound Recording And Acoustics, or

KMB658 Music Production 2

AND

KMB626 Music And Sound For Multimedia

Select one unit from:

KMB622 Multi-Instrumental Music A

KMB638 Sound And Image

KMB648 The Music Scene

KMB667 Music and Spirituality

KMB616-2 Group Music

KMB617 Arranging

KMB626 Music And Sound For Multimedia

KMB628 Multi-Instrumental Music B

### **Year 2, Semester 1**

KMB630 Music Textures

KMB653 Music Performance 3, or

KMB659 Music Production 3

KMB637 Jazz And Popular Musicianship

KMB636 Cross Cultural Musicianship



Select one unit from:  
KMB623 Conducting  
KMB640 Sex Drugs Rock N Roll  
KMB631 World Music  
KMB618 Soundtracks For Film And Television  
KMB616-1 Group Music

#### **Year 2, Semester 2**

KMB654 Music Performance 4, or  
KMB660 Music Production 4  
KMB635 Sound Media Musicianship  
KMB634 Contemporary Art Music Musicianship

Select two units from:

KMB616-2 Group Music  
KMB617 Arranging  
KMB638 Sound And Image  
KMB648 The Music Scene  
KMB626 Music And Sound For Multimedia  
KMB667 Music and Spirituality  
KMB622 Multi-Instrumental Music A  
KMB628 Multi-Instrumental Music B

### **Second Teaching Area - Dance**

#### **Year 1, Semester 1**

KMB651 Music Performance 1, or  
KMB657 Music Production 1  
KMB632 Core Musicianship 1  
KMB619 Music And Sound Technology  
KDX104 Architecture of the Body  
Creative Industries Core Unit - List A

#### **Year 1, Semester 2**

KMB652 Music Performance 2  
AND  
KMB621 Sound Recording And Acoustics, or  
KMB658 Music Production 2  
AND  
KMB626 Music And Sound For Multimedia  
KMB633 Core Musicianship 2  
KDB114 Australian Dance  
Creative Industries Core Unit - List A

#### **Year 2, Semester 1**

KMB653 Music Performance 3, or  
KMB659 Music Production 3  
KMB637 Jazz And Popular Musicianship, or  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures  
KDB182 Dance Technique Studies 3  
KDB117 Dance in Education

#### **Year 2, Semester 2**

KMB654 Music Performance 4, or  
KMB660 Music Production 4  
KMB635 Sound Media Musicianship, or  
KMB634 Contemporary Art Music Musicianship  
KDB106 Dance Analysis  
KDB183 Dance Technique Studies 4

Select one unit from:

KMB616-2 Group Music  
KMB617 Arranging  
KMB622 Multi-Instrumental Music A  
KMB626 Music And Sound For Multimedia  
KMB628 Multi-Instrumental Music B  
KMB638 Sound And Image  
KMB648 The Music Scene  
KMB667 Music and Spirituality

### **Second Teaching Area - Drama**

#### **Year 1, Semester 1**

KMB651 Music Performance 1, or  
KMB657 Music Production 1  
KMB632 Core Musicianship 1  
KMB619 Music And Sound Technology  
KTB257 Studies in Acting 1  
Creative Industries Core Unit - List A

#### **Year 1, Semester 2**

KMB652 Music Performance 2  
AND  
KMB621 Sound Recording And Acoustics, or  
KMB658 Music Production 2  
AND  
KMB626 Music And Sound For Multimedia

KMB633 Core Musicianship 2  
KTB251 20th Century Performance  
Creative Industries Core Unit - List A

#### **Year 2, Semester 1**

KMB653 Music Performance 3, or  
KMB659 Music Production 3  
KMB637 Jazz And Popular Musicianship, or  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures  
KTB214 Process Drama  
KSB278 Technical Theatre

#### **Year 2, Semester 2**

KMB654 Music Performance 4, or  
KMB660 Music Production 4  
KMB635 Sound Media Musicianship, or  
KMB634 Contemporary Art Music Musicianship  
KTB280 Drama as Social Action  
KTB304 Forming Knowledge

Select one unit from:

KMB616-2 Group Music  
KMB617 Arranging  
KMB622 Multi-Instrumental Music A  
KMB626 Music And Sound For Multimedia  
KMB628 Multi-Instrumental Music B  
KMB638 Sound And Image  
KMB648 The Music Scene  
KMB667 Music and Spirituality

### **Second Teaching Area - Visual Arts**

#### **Year 1, Semester 1**

KMB651 Music Performance 1, or  
KMB657 Music Production 1  
KMB632 Core Musicianship 1  
KMB619 Music And Sound Technology  
Creative Industries Core Unit - List A  
KVB702 Australian and Indigenous Art

#### **Year 1, Semester 2**

KMB652 Music Performance 2  
AND  
KMB621 Sound Recording And Acoustics, or  
KMB658 Music Production 2  
AND  
KMB626 Music And Sound For Multimedia  
KMB633 Core Musicianship 2  
KVB701 Modernism  
Creative Industries Core Unit

#### **Year 2, Semester 1**

KMB653 Music Performance 3, or  
KMB659 Music Production 3  
KMB637 Jazz And Popular Musicianship, or  
KMB636 Cross Cultural Musicianship  
KMB630 Music Textures

Select two units from:

KVB447 Drawing  
KVB457 Sculpture  
KVB503 Clay Materials  
KVB509 Photomedia and Artistic Practice

#### **Year 2, Semester 2**

KMB654 Music Performance 4, or  
KMB660 Music Production 4  
KMB635 Sound Media Musicianship, or  
KMB634 Contemporary Art Music Musicianship

Select one unit from:

KMB616-2 Group Music  
KMB617 Arranging  
KMB622 Multi-Instrumental Music A  
KMB626 Music And Sound For Multimedia  
KMB628 Multi-Instrumental Music B  
KMB638 Sound And Image  
KMB648 The Music Scene  
KMB667 Music and Spirituality

Select two units from:

KVB447 Drawing  
KVB457 Sculpture  
KVB503 Clay Materials  
KVB507 Painting  
KVB509 Photomedia and Artistic Practice

**Second Teaching Area - other than Drama, Dance or Visual Arts****Year 1, Semester 1**

- KMB651 Music Performance 1, or  
 KMB657 Music Production 1  
 KMB632 Core Musicianship 1  
 KMB619 Music And Sound Technology  
 Creative Industries Core Unit - List A  
 Second Teaching Area Unit

**Year 1, Semester 2**

- Creative Industries Core Unit  
 KMB633 Core Musicianship 2  
 KMB652 Music Performance 2, and  
 KMB621 Sound Recording And Acoustics, or  
 KMB658 Music Production 2, and  
 KMB626 Music And Sound For Multimedia  
 Second Teaching Area Unit

**Year 2, Semester 1**

- KMB653 Music Performance 3, or  
 KMB659 Music Production 3  
 KMB637 Jazz And Popular Musicianship  
 KMB636 Cross Cultural Musicianship  
 KMB630 Music Textures  
 Second Teaching Area Unit

**Year 2, Semester 2**

- KMB654 Music Performance 4, or  
 KMB660 Music Production 4  
 KMB635 Sound Media Musicianship  
 KMB634 Contemporary Art Music Musicianship  
 Second Teaching Area Unit  
 Select one unit from:

- KMB616-2 Group Music  
 KMB617 Arranging  
 KMB622 Multi-Instrumental Music A  
 KMB626 Music And Sound For Multimedia  
 KMB628 Multi-Instrumental Music B  
 KMB638 Sound And Image  
 KMB648 The Music Scene  
 KMB667 Music and Spirituality

**List A: Creative Industries Core Units**

- KKB008 Narrative in the Creative Industries  
 KKB018 Creative Industries  
 KKB418 Cultures and Creativity  
 KKB618 Writing For Creative Industries  
 KKB818 Introduction To Multimedia Technology

**EDUCATION COMPONENT****Year 3, Semester 2**

- EDB002 Teaching and Learning Studies 2: Development and Learning  
 EDB031 Secondary Field Studies 1: Development and Learning in the Field  
 KMB201 Music (Secondary) Curriculum Studies 1  
 Curriculum Studies 1Y

**Year 3, Semester 2**

- EDB003 Teaching and Learning Studies 3: Practising Education  
 EDB032 Secondary Field Studies II: Practising Education in the Field  
 KMB202 Music (Secondary) Curriculum Studies 2  
 Curriculum Studies 2Y

**Year 4, Semester 1**

- EDB004 Teaching and Learning Studies IV: Inclusive Education  
 EDB033 Secondary Field Studies III: Immersion in Inclusive Educational Practices  
 KMB203 Music (Secondary) Curriculum Studies 3  
 Curriculum Studies 3Y

**Year 4, Semester 2**

- EDB005 Teaching and Learning Studies V: Professional Work of Teachers  
 EDB034 Secondary Field Studies VI: Professional Work of Teachers: Induction into Practice  
 EDB035 Internship (Secondary)  
 Education Elective

**Curriculum Studies - Second Teaching Area****Curriculum Studies 1**

- KVB301 Visual Art Curriculum Studies 1  
 KTB201 Drama Curriculum Studies 1  
 CLB018 English Curriculum Studies 1  
 CLB024 Film and Media Curriculum Studies 1

- CLB027 Geography Curriculum Studies 1  
 CLB030 History Curriculum Studies 1  
 CLB036 LOTE Curriculum Studies 1  
 KMB101 Music (Primary/Instrumental) Curriculum Studies 1

**Curriculum Studies 2**

- KVB302 Visual Art Curriculum Studies 2  
 KTB202 Drama Curriculum Studies 2  
 CLB019 English Curriculum Studies 2  
 CLB025 Film and Media Curriculum Studies 2  
 CLB028 Geography Curriculum Studies 2  
 CLB031 History Curriculum Studies 2  
 CLB037 LOTE Curriculum Studies 2  
 KMB102 Music (Primary/Instrumental) Curriculum Studies 2

**Curriculum Studies 3**

- KVB303 Visual Art Curriculum Studies 3  
 KTB203 Drama Curriculum Studies 3  
 CLB020 English Curriculum Studies 3  
 CLB026 Film and Media Curriculum Studies 3  
 CLB029 Geography Curriculum Studies 3  
 CLB032 History Curriculum Studies 3  
 CLB038 LOTE Curriculum Studies 3  
 KMB103 Music (Primary/Instrumental) Curriculum Studies 3

**Second Teaching Area Units**

Please refer to the Second Teaching Area Units listed under the **Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IX05)**.

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## Section Four

# Unit Synopses

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This section provides synopses of the units offered in the academic programs section.

The synopses are presented in alpha-numeric order according to their codes.

### UNIT CODING AND NUMBERING

The unit code is of the format XXX999. The first two characters indicate the faculty or school administering the unit. The third character indicates the level of the course in which the unit is normally taught.

#### UNIT CODING

- AD Design and Built Environment
- AM Advertising, Marketing and Public Relations
- AR Design and Built Environment
- AY Accountancy
- BN Built Environment and Engineering
- BS Business
- CE Civil Engineering
- CL Cultural and Language Studies in Education
- CN Construction Management
- DB Design and Built Environment
- EA Early Childhood
- ED Education
- EE Electrical and Electronic Systems Engineering
- EF Economics and Finance
- GS Brisbane Graduate School of Business
- HH Humanities and Human Services
- HL Health
- HM Human Movement Studies
- IB International Business
- IF Interfaculty Courses
- IT Information Technology
- JS Justice Studies
- KC Media Communication
- KD Dance
- KF Fashion
- KI Communication Design
- KJ Journalism
- KK Creative Industries Faculty
- KM Music
- KP Film and Television
- KS Acting and Technical Production
- KT Theatre Studies
- KV Visual Arts
- KW Creative Writing and Cultural Studies
- LP Legal Practice
- LS Life Science
- LW Law
- MA Mathematical Sciences
- MD Mathematics, Science and Technology Education
- ME Mechanical, Manufacturing and Medical Engineering
- MG Management and Human Resource Management
- MM Mechanical, Manufacturing and Medical Engineering
- NR Natural Resource Sciences
- NS Nursing
- OP Optometry
- PC Physical Sciences
- PS Planning, Landscape Architecture and Surveying

- PU Public Health
- PY Psychology and Counselling
- QC QUT International College
- SC Science
- SP Learning and Professional Studies

#### LEVEL INDICATORS

- X = Certificate, Associate Diploma, Associate Degrees, Diploma
- B = Degree
- D = University Diploma
- F = Foundation Program
- P = Graduate Diploma
- N = Masters Degree
- R = Doctoral
- S = Special Units
- Z = Offshore Offering

#### PREREQUISITE AND COREQUISITE UNITS

For definitions of the terms prerequisite and corequisite unit(s), refer to Rule 12 of the Student Rules section.

#### Disclaimer

Some schools have indicated the availability of their units for semester 1 (1), semester 2 (2), or Summer Program (3). These indications are preliminary only and are subject to change.

**► ADB001 ARCHITECTURAL DESIGN 1**

Introduction to design theory. This unit uses developmental exercises to enhance fundamental aesthetic perception and developmental exercises in graphic/presentation skills with an emphasis on orthographic and paraline drawing systems. The major design project introduces students to a range of issues and provokes exploration. It develops students' comprehension of fundamental spatial and formal values and enhances sensibilities concerning architectural qualities.

**Courses:** BN31, AR48

**Contact hours:** 8 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB002 ARCHITECTURAL DESIGN 2**

Introduction to critical design theory. This unit uses developmental exercises in graphic and/or presentation skills with emphasis on model making and perspective drawing. With a focus on the contextual, the major project in this unit encourages ideas that are developed out of the analysis of understanding of a particular place.

**Courses:** BN31, AR48 **Prerequisites:** ADB001

**Contact hours:** 8 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB003 ARCHITECTURAL DESIGN 3**

Design theory: physical context, landscape, social context, ethics and values. This unit integrates contextual studies and technology, specifically building construction and design for climate. Projects are generally of domestic scale.

**Courses:** BN31, AR48 **Prerequisites:** ADB002

**Corequisites:** ADB011, ADB013

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB004 ARCHITECTURAL DESIGN 4**

Design theory: physical context, landscape, social context, ethics and values. This unit involves the integration of contextual studies and technology, specifically building construction and design for climate. Projects are of domestic scale.

**Courses:** BN31, AR48 **Prerequisites:** ADB003

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB005 ARCHITECTURAL DESIGN 5**

Design theory: sustainability, sociological and contextual concerns related to particular design problems. The unit often includes a 'community service' project, generally a collaborative, participatory design with selected community groups as 'client'.

**Courses:** BN31, AR48

**Prerequisites:** ADB004 **Corequisites:** ADB913

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB006 ARCHITECTURAL DESIGN 6**

This unit includes design theory, urban sustainability, sociological and contextual concerns related to particular design problems.

**Courses:** BN31, AR48 **Prerequisites:** ADB005

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP

**► ADB007 ARCHITECTURAL DESIGN 7**

The content of the unit is project-dependent.

**Courses:** AR48 **Prerequisites:** ADB006

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB008 ARCHITECTURAL DESIGN 8**

The content of the unit is project-dependent.

**Courses:** AR48

**Prerequisites:** ADB007 **Corequisites:** ADB026

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB009 ARCHITECTURAL DESIGN 9**

Design projects and associated lectures and presentations are relevant to developing the unit objectives. A high degree of resolution is expected in design projects in intellectual conceptualisation and strategy, spatial organisation, form, detail and technical understanding. Building economics, services, construction technology, theory and critical analysis are integrated into the unit.

**Courses:** AR48

**Prerequisites:** ADB008

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

**► ADB011 CONTEXTUAL STUDIES 1**

The course considers the emergence of modern architecture in Europe and America in the late nineteenth and early twentieth century, and the development of the ideas and proposals arrived at through the heroic phase of the 1920s and 30s. The dominance of modern architecture following the war and the early critiques are examined. An analysis of the emergence of postmodern thought and the various architectural directions being pursued throughout the world in the late twentieth century to find viable and meaningful designs are included.

**Courses:** BN31, AR48 **Prerequisites:** ADB931

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB012 CONTEXTUAL STUDIES 2**

Australian and Oceanic architecture is examined from pre-European settlement times to the present. The work is looked at in the context of European and American influences and the Asian-Oceanic context. The examples are studied in relation to broad social, historical and aesthetic backgrounds. Course work includes an introduction to research of local architectural history, and visits to key buildings.

**Courses:** BN31, AR48 **Prerequisites:** ADB931

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB013 CONTEXTUAL STUDIES 3**

This unit looks at the architectural traditions of the diverse cultures of Asia and urban history. The course examines how traditional architecture is shaped by culture and society. It focuses on the geographic regions of the orient including China, Japan and Korea and of South Asia including India, Nepal and Sri Lanka. Design of cities across geographic regions, including Europe, America, Australia and Asia are studied from an historical and contemporary perspective to understand city form, culture, politics, economics and function, ecology and sustainability.

**Courses:** AR48

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB014 CONTEXTUAL STUDIES 4**

Contemporary Thinking and Architectural Culture. This unit aims to consolidate for students a theoretical contemporary framework in which to locate key moments in contemporary architectural and cultural production from diverse contexts. It introduces students to contemporary debates and endeavours to de-mystify the language of contemporary architectural ideas and aesthetics in order to promote self-directed interest in contemporary theory and criticism.

**Courses:** AR48

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB021 TECHNOLOGY AND SCIENCE 1**

This is a study of the properties and behaviour of common building materials and the historical development of building technologies including basic structural systems, behaviour of structures and members under load, and application of knowledge in design exercises and models.

**Courses:** BN31, AR48 **Prerequisites:** ADB921

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB022 TECHNOLOGY AND SCIENCE 2**

This unit considers in detail domestic scale building, basic design for climate, and energy conservation. The implications of the principles of the subject on the form and fabric of buildings are illustrated.

**Courses:** BN31, AR48 **Prerequisites:** ADB021

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB023 TECHNOLOGY AND SCIENCE 3**

This unit considers in detail domestic scale building and design for natural ventilation, lighting, acoustics and solar controls. Implications of the principles of the subject on the form and fabric of buildings are illustrated.

**Courses:** BN31, AR48 **Prerequisites:** ADB022

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB024 TECHNOLOGY AND SCIENCE 4**

This unit addresses building construction. It includes an overview of construction systems used in low to medium rise industrial and commercial buildings and an overview of structural considerations in steel and reinforced concrete structural systems.

**Courses:** BN31, AR48 **Prerequisites:** ADB023

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB025 TECHNOLOGY AND SCIENCE 5**

This unit addresses building construction. It includes an overview of construction systems used in medium to high-rise commercial buildings, including analysis of principles, advantages, disadvantages and details of such systems. It also includes an integrated overview of medium to high-rise building services including hydraulics, lighting, electrical services, mechanical equipment and vertical transportation.

**Courses:** AR48

**Prerequisites:** ADB024  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB026 TECHNOLOGY AND SCIENCE 6**

The topics in this unit include a case study of the building type being studied in ADB007 working with engineering consultants, and the programming of work.

**Courses:** AR48

**Prerequisites:** ADB025  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB031 PROFESSIONAL STUDIES 1**

This unit includes theory and some estimating and specifications techniques. The theory includes an analysis of various concepts of professionalism, characteristics of professions, and a discussion of various contemporary critiques of architectural practice. Estimating involves choice of technique, accuracy, square and cube rates, cost control, feasibility, and quantity surveying. The role of specification is included.

**Courses:** AR48

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB033 PROFESSIONAL STUDIES 3**

This is a self-paced national course (BPA 2) prepared by the Royal Australian Institute of Architects as a Continuing Education program which will attract certification from the RAIA. The course covers ethical, administrative and management issues in relation to architectural practice.

**Courses:** AR48

**Prerequisites:** ADB932

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB051 ARCHITECTURAL RESEARCH 1**

This unit provides students with an overview of research methodology. Students examine the differences between various research methods and product. A number of issues are addressed in the elected area of research including definition of study area, research aims and objectives, initial proposition, structuring research approach, analysis, and preliminary conclusions based on the literature review.

**Courses:** AR48

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB052 ARCHITECTURAL RESEARCH 2**

Students continue their studies on an approved topic commenced in Architectural Research 1. By means of a thesis presentation, students demonstrate their ability to define and logically argue propositions, and to conduct research to prove its validity by means of a well-constructed research project that includes critical analysis.

**Courses:** AR48

**Prerequisites:** ADB051  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB053 ARCHITECTURAL PROJECT**

The major project, selected by students and approved by the unit coordinator, will have a focus work study that demonstrates the particular skills and interests of the individual. This work should be completed to a highly developed and resolved standard.

**Courses:** AR48

**Prerequisites:** ADB009, ADB067

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB061 ARCHITECTURAL APPLICATIONS 1**

The unit is used to increase the students' experience in applying theory to architectural problems. It includes a study of materials, anthropometrics and ergonomics, and a presentation of architectural ideas through drawings and models.

**Courses:** BN31

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB062 ARCHITECTURAL APPLICATIONS 2**

The unit is used to increase the student's experience in applying theory to architectural problems. It includes a study of materials, structures, and architectural ideas through drawings and models.

**Courses:** BN31

**Prerequisites:** ADB061  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB063 ARCHITECTURAL APPLICATIONS 3**

The unit is used to increase the student's experience in applying theory to problems, and includes the following: site analysis, levels and contours; practical experiments in Design Science; construction detailing and documentation through drawings, models and computer simulation.

**Courses:** BN31

**Prerequisites:** ADB062  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB064 ARCHITECTURAL APPLICATIONS 4**

This unit is used to increase the student's experience in applying theory to architectural problems. It includes exercises in construction detailing and documentation.

**Courses:** BN31

**Prerequisites:** ADB063  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB065 ARCHITECTURAL APPLICATIONS 5**

The unit is used to increase the student's experience in applying theory to architectural problems. It includes exercises in construction detailing and documentation.

**Courses:** BN31

**Prerequisites:** ADB064  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB066 ARCHITECTURAL APPLICATIONS 6**

The unit is used to increase the student's experience in applying theory to architectural problems. It includes exercises in construction detailing and documentation.

**Courses:** BN31

**Prerequisites:** ADB065  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB067 ELECTIVE ARCHITECTURAL APPLICATIONS**

This unit provides an opportunity for students to develop and strengthen areas of interest in a program of their choice, to be approved by the Course Coordinator. For example, it may be used to develop the Architectural Research 2 program to the presentation of a dissertation or enhance knowledge and skills in other subject areas.

**Courses:** AR48

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB101 INTERIOR DESIGN 1**

Through exercises involving physical, historical, social and cultural constraints, person-environment analysis, and personal reflection, there is the opportunity, in this unit, to integrate material from associated units and to begin to develop a basic awareness of a designer's role and responsibilities.

**Courses:** BN31

**Contact hours:** 7 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB102 INTERIOR DESIGN 2**

This unit includes the following areas of study: the visual and physical attributes of form; perceptual principles of organisation; person-environment interaction with a focus on the physical, social and temporal aspects of environment; aesthetics and its relevance to person-environment interaction.

**Courses:** BN31

**Prerequisites:** ADB101  
**Contact hours:** 7 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB103 INTERIOR DESIGN 3**

This unit includes an introduction to the theoretical constructs of person-environment interaction and modes of interaction incorporating theories from disciplines including philosophy, psychology, social science and cultural and communication studies. Other conceptual frameworks are introduced and explored including modernism, post-modernism, feminism and pluralism, and issues of designing incorporating site, values, activities and technology.

**Courses:** BN31

**Prerequisites:** ADB102 **Corequisites:** ADB123  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB104 INTERIOR DESIGN 4**

This unit includes the following areas of study: ethics and topical social issues; the responsibilities of a designer in a contemporary context; application and development of an integrated design approach explicitly informed by theory, philosophy, ethics, and current demands and considerations.

**Courses:** BN31

**Prerequisites:** ADB103 **Corequisites:** ADB124  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB105 INTERIOR DESIGN 5**

This unit includes the following areas of study: designing as practice; law as it relates philosophically and conceptually to the built environment and people's relationship with the built environment; the work of national and international designers: a critical approach; tools for fostering alternative ways of thinking and imagining person-environment interaction; futuristic material.

**Courses:** BN31

**Prerequisites:** ADB104 **Corequisites:** ADB125  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB106 INTERIOR DESIGN 6**

The content covered in this unit includes major aspects covered in the course to date and content identified by the student as significant in their response to the project.

**Prerequisites:** ADB105 **Corequisites:** ADB126  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB122 INTERIOR TECHNOLOGY 1**

This unit includes the following topics: domestic building construction processes and materials; manufacturing processes and performance; introductory technical drawing; measurement and recording of building environments; application of recorded material; CAD as a construct and its role in practice.

**Courses:** BN31

**Prerequisites:** ADB921  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB123 INTERIOR TECHNOLOGY 2**

This unit includes the following topics: documentation; analysis and recording of small-scale commercial interiors; building regulations and their relationship to public responsibility; building materials; sustainability.

**Courses:** BN31

**Prerequisites:** ADB122  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB124 INTERIOR TECHNOLOGY 3**

This unit includes the following: documentation techniques; sustainable design and construction; services; consultants, codes and standards.

**Courses:** BN31

**Prerequisites:** ADB123

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB125 INTERIOR TECHNOLOGY 4**

This unit includes the following topics: theoretical analysis of interior construction and materials; analysis of partition and furniture systems; comparative analysis of building types; CAD documentation; basic estimating and quoting; introductory specification writing.

**Courses:** BN31

**Prerequisites:** ADB124  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB126 INTERIOR TECHNOLOGY 5**

This unit includes the following topics: documentation; critical investigation of interior construction processes; environmental system analysis; the interface with consultants, builders and contractors; leasing and other tenancy occupation issues.

**Courses:** BN31

**Prerequisites:** ADB125  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB132 DESIGN IN SOCIETY 1**

Issues of the international design community are explored in this unit. The historical framework is reassessed in relation to changing technology, communication, transport systems and the advent of shifts in space and time such as virtual reality. The merging of cultures and understandings of design are critiqued in the light of their potential to influence the contemporary and future designer. Specific attention is given to interior design. Other aspects involved include belief systems and their influence on design and design practice (eg economic rationalism, capitalism, modernism, etc).

**Courses:** BN31

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB133 DESIGN IN SOCIETY 2**

Issues covered in this unit include the following: the current context of the contemporary Australian interior designer; theoretical perspectives and exploration of their limitations and potential; relevant legal issues, ethics and professionalism.

**Courses:** BN31

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB151 DRAWING AS COMMUNICATION**

This unit addresses the theoretical aspects of communication generally and in relation to drawing. It focuses on the relationship between drawing and the design processes of imagining, representing and testing and it introduces students to various drawing techniques and media.

**Courses:** BN31

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► ADB152 LIGHT AND COLOUR STUDIES**

This unit includes studies of the interdependence of light and colour, the physical properties of colour, the psychological and cultural dimensions of colour, and colour and its relationship with expression and aesthetics.

**Courses:** BN31

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► ADB153 MATERIAL STUDIES**

This unit addresses the following topics: textile manufacture and application; interior decorative finishes; building codes and standards relevant to material quality and performance; documentation and specification of finishes and fittings; the relationship between design technology and material selection; the role of contextual frameworks on designers' decisions in regard to materials.

**Courses:** BN31

**Credit points:** 3 per week **Sem:** 2

**► ADB154 FURNITURE STUDIES**

This unit addresses the following topics: a focus on visual cues, psychological responses and other interaction factors through an historical analysis of the role of furniture design; furniture and contemporary and future trends; furniture design and documentation approaches.

**Courses:** BN31

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB201 INTRODUCTORY INDUSTRIAL DESIGN 1**

This unit addresses the following topics: basic design elements and principles; three-dimensional visualisation of objects; design concept development; drawing as a design and communication tool, with an emphasis on marker rendering techniques and sketching techniques; design presentation; engineering drawing basics.

**Courses:** BN31 **Prerequisites:** ADB241  
**Contact hours:** 7 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB202 INTRODUCTORY INDUSTRIAL DESIGN 2**

Introduction to basic industrial design elements and principles includes a study of three-dimensional visualisation and industrial design, concept development of simple products, product aesthetics, and drawing as a design tool and communication tool. It emphasises perspective sketching techniques and engineering drawing basics.

**Courses:** BN31 **Prerequisites:** ADB201  
**Contact hours:** 7 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB203 INDUSTRIAL DESIGN 1**

The studio exercises to which most of the time is devoted in this unit are aimed at a range of different product designs. The following theoretical topics are associated with them: scope of problem solving theory; special characteristics of design problems; design and application transfer; design heuristic; creativity and innovation and general psychological theories of creativity; visual thinking and the design process; design ethics and culture, and designer's responsibilities toward the environment.

**Courses:** BN31 **Prerequisites:** ADB202  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB204 INDUSTRIAL DESIGN 2**

The studio exercises to which most of the time is devoted in this unit aim at a range of different product designs. The following theoretical topics are associated with them: methodological issues of design; design process and creative thinking; creativity and product innovation; design ethics and culture; designer's responsibilities toward the environment. The complexity and depth of the design project will increase according to the semester level.

**Courses:** BN31 **Prerequisites:** ADB203 **Corequisites:** ADB224  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB205 INDUSTRIAL DESIGN 3**

The studio exercises to which most of the time is devoted in this unit aim toward design of products or systems in depth. The emphasis is on integration of knowledge and skills acquired in the previous semesters. The following theoretical topics are associated with them: methodological issues of design; design process and creative thinking; creativity and product innovation; working with an industry client; interdisciplinary teamwork; design ethics and culture; the designer's responsibilities toward the environment.

**Courses:** BN31 **Prerequisites:** ADB204  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB206 INDUSTRIAL DESIGN 4**

The studio exercises aim toward design of products or systems in depth. The emphasis is on integration of knowledge and skills acquired in the previous semesters. The following theoretical topics are associated with them: methodological issues of design; design process and creative thinking; creativity and product innovation; work with an industry client; interdisciplinary teamwork; design ethics and culture; designer's responsibilities toward the environment.

**Courses:** BN31 **Prerequisites:** ADB205  
**Corequisites:** ADB226, ADB236  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB212 ERGONOMICS FOR INDUSTRIAL DESIGNERS**

The principles of ergonomics and human factors as applied to industrial design, hand tool design, environmental factors, human-information processing, ergonomic methods, display and control design, interface design, and designing for safety and product usability are presented in this unit.

**Courses:** BN31 **Prerequisites:** ADB911  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB224 INDUSTRIAL DESIGN HISTORY THEORY AND CRITICISM 1**

This unit addresses the following topics: pre-historical artefacts and their evolutions; innovations in Asia; arts and crafts movements; development of mass-production and its impact on society; social and cultural changes influenced by design; design and politics; ideology of industrialisation.

**Courses:** BN31 **Corequisites:** ADB204  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB226 INDUSTRIAL DESIGN HISTORY THEORY AND CRITICISM 2**

This unit addresses the following topics: product evolution; Australian inventions; contemporary design; social and cultural changes influenced by design; design and politics; ideology of industrialisation; the meaning of products; designers' responsibilities toward the users and environment; design activity and design knowledge.

**Courses:** BN31 **Prerequisites:** ADB224 **Corequisites:** ADB206  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB232 DESIGN TECHNOLOGY AND SOCIETY**

This unit addresses the following topics: introduction to applied technologies and how they relate to industrial design and society in general; renewable and non-renewable resources; social change and life styles; use of resources and ecosystems; sustainability and its relation to industrial design; alternative technologies as related to industrial design; the relationship between social and technological change and industrial design.

**Courses:** BN31 **Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB233 MANUFACTURING TECHNOLOGY 1**

This unit addresses the following topics: application of engineering mechanisms to products or systems; analysis of the performances of mechanical, electrical, hydraulic and pneumatic mechanisms in relation to particular functions; modelling methods and techniques for determining the behaviour of a system or product; introduction to electronics; plastics manufacturing techniques; the relationships between the properties of material and the industrial processes available for their fabrication. The unit also includes an introduction to technical documentation and communication.

**Courses:** BN31 **Prerequisites:** ADB921  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB234 MANUFACTURING TECHNOLOGY 2**

This unit addresses the following topics: electronics, plastic, production techniques in relation to different materials; various methods for different finishing operations; various methods for forming; automatic and semi-automatic assembly quality control methods; production cost. Field studies consist of site visits to selected manufacturing industries, technical documentation and communication.

**Courses:** BN31 **Prerequisites:** ADB233  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB235 MANUFACTURING TECHNOLOGY 3**

This unit addresses the following topics: product analysis; product development strategies; industrial production economics; organisation, planning and technologies required for advanced

manufacturing and its impact to product design solutions.

**Courses:** BN31 **Prerequisites:** ADB234  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB236 MANUFACTURING TECHNOLOGY 4**

This unit addresses value analysis, technical documentation and communication. Field studies complement the lecture series.

**Courses:** BN31 **Prerequisites:** ADB235 **Corequisites:** ADB206  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB241 INDUSTRIAL DESIGN APPLICATIONS**

This unit introduces the students to the application of basic industrial design skills and knowledge, industrial design case studies, and field studies.

**Courses:** BN31 **Corequisites:** ADB201  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB244 COMPUTER AIDED INDUSTRIAL DESIGN 1**

This unit includes the following topics: an overview of the development of the use of Computer Aided Industrial Design by industrial designers in the design process; an application of CAID to 3D solid modelling concepts; 3D spatial relationships; design documentation; 3D model to 2D engineering drawings; development of skills in the use of Computer Aided Industrial Design (CAID) for evaluating; documenting and presenting design proposals through computer rendered and animated images.

**Courses:** BN31 **Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB245 COMPUTER AIDED INDUSTRIAL DESIGN 2**

This unit addresses the following topics: introduction to 3D surface modelling concepts for complex form development and documentation; introduction to NURBS based surface modelling; case studies on CAID as applied to industrial design; application of complex 3D Surface modelling techniques, as applied to design form evaluations and form refinement using rapid prototyping; further development of shading techniques; advanced animation; design documentation.

**Courses:** BN31 **Prerequisites:** ADB244  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB795 PRACTICE EXPERIENCE A**

This practice experience partnership with the architectural profession will enable the students to increase their skills in the practical application of theory in 'real life' architectural projects.

**Courses:** AR48 **Credit points:** 36 **Sem:** 2

► **ADB796 PRACTICE EXPERIENCE B**

Under the practice experience partnership with the architectural profession, the advanced student will progressively become an understudy of the architect and be exposed to all aspects of the profession.

**Courses:** AR48 **Credit points:** 60 **Sem:** 1, 2

► **ADB911 HUMAN ENVIRONMENT 1**

This unit addresses contemporary environmental issues: global warming; population explosion; pollution; energy conservation; sustainability; anthropometrics and statistics; basic ergonomic principles; requirements of special needs groups.

**Courses:** BN31, AR48 **Corequisites:** ADB101, ADB921  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB912 HUMAN ENVIRONMENT 2**

The unit focuses on the following: psychosocial issues and privacy, perception, personal space, territoriality, cognition, way finding, and cultural diversity.

**Courses:** BN31 **Prerequisites:** ADB911  
**Corequisites:** ADB013 (Arch), ADB123 (Int-Des)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB913 HUMAN ENVIRONMENT 3**

This unit addresses the following topics: theories of cultural development and social change; consideration of the role of designed artefacts in those processes; political and social theories pertaining to design and development of the built environment; contemporary theories of post-industrialism, post-colonialism and multiculturalism; implications for design for the built environment; the roles and responsibilities of design professionals, historically and in contemporary society.

**Courses:** BN31, AR48 **Prerequisites:** ADB912  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB921 TECHNOLOGY AND SCIENCE FOUNDATION**

This unit addresses the following topics: introduction to physical principles relevant to the built environment design disciplines, including mechanics, statics, electricity, fluids, light and colour, heat and sound; basic chemical properties of materials; mathematics as related to the design disciplines; discipline applications.

**Courses:** BN31, AR48  
**Corequisites:** ADB911, ADB101  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB931 INTRODUCTION TO HISTORY, THEORY AND CRITICISM**

This unit is a survey course of principal developments in the history and theory of design and the built environment from the earliest civilisation to the closing of the 19th century. Lectures will examine key buildings, ideas and artefacts and the aesthetic, technological, environmental, socio-cultural and political factors that related to their production. Examples are drawn from European and non-European (notably Asian) contexts.

**Courses:** BN31, AR48  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADB932 PROFESSIONAL STUDIES 2**

This unit offers a self-paced national course (BPA 1) prepared by the RAIA as a basis for the formal examination for registration as an Architect. It covers the context of profession, professional ethics, and the range of professional services from engagement to completion of a project. Completion of course will attract RAIA certification.

**Courses:** AR48  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADB941 ELECTIVE 1**

The student will choose elective units to extend and expand an area of knowledge or experience to develop in depth a particular professional expertise. These units may be drawn from an existing range of units available within the School. The electives are to be approved by the Course Coordinator.

**Courses:** BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **ADB942 ELECTIVE 2**

The student will choose elective units to extend and expand an area of knowledge or experience to develop, in depth, a particular professional expertise. These units may be drawn from an existing range of units available within the School, Faculty or University. The electives are to be approved by the Course Coordinator.

**Courses:** BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **ADB943 ELECTIVE 3**

Elective units chosen will extend and expand an area of knowledge or experience to develop, in depth, a particular professional expertise. Units may be drawn from an existing range of units available within the University and must be approved by the Course Coordinator.

**Courses:** BN31, AR48  
**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

► **ADB944 ELECTIVE 4**

Elective units chosen will extend and expand an area of knowledge or experience to develop, in depth, a particular professional expertise. Units may be drawn from an existing range of units available within the University and must be approved by the Course Coordinator.

**Courses:** BN31, AR48  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **ADP107 INTERIOR DESIGN 7**

This unit provides students with the opportunity to pursue a topic of personal and professional relevance. The topic will form the focus of a major design/research project incorporating this unit and ADB108. The unit covers topic identification, qualification and substantiation, context exploration, and consolidation.

**Courses:** AR62  
**Prerequisites:** ADB106 **Corequisites:** ADP161  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADP108 INTERIOR DESIGN 8**

This unit provides students with the opportunity to develop an in-depth understanding of an area of interior design of personal and professional relevance in consultation with staff. The unit covers project development and the exploration of associated issues.

**Courses:** AR62  
**Prerequisites:** ADB107 **Corequisites:** ADP162  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **ADP114 PROFESSIONAL STUDIES 1**

This unit addresses the following topics: the interior design profession, its organisation and theoretical and practical relationship with other professions and disciplines; professionalism incorporating ethics, industry product safety standards and continuing education; specific responsibilities involving brief development; post-occupancy evaluation.

**Courses:** AR62  
**Prerequisites:** ADB913, ADP106  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **ADP155 INTERIOR AS A CONSTRUCT 1**

Designers require a deep conceptual understanding of the relationship between artefact and culture and they need a vehicle for supporting this development. The focus in this unit is on the conservation of historic interiors and includes historic interior exemplars, social and cultural identity, conservation, preservation and restoration, and relevant charters and policies.

**Courses:** AR62  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADP156 INTERIOR AS A CONSTRUCT 2**

In this unit, stage design will be used as a frame-of-reference for exploring various aspects of person-environment interaction such as play and imagining. In addition, the unit provides a basis for exploring notions of temporary, transitory space and virtual reality.

**Courses:** AR62 **Prerequisites:** ADP155  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADP161 INTERIOR RESEARCH 1**

This unit provides methodological support for the major project in ADP107. It includes the following: empirical research with an emphasis on qualitative research relevant to person-environment interaction; research rigour incorporating attention to validity, reliability and generalisation; advanced information retrieval; literature search and review.

**Courses:** AR62 **Prerequisites:** ADB106 or equivalent  
**Corequisites:** ADP107  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADP162 INTERIOR RESEARCH 2**

This unit provides methodological support for the major project in ADP108. The ability to undertake empirical research is considered an integral

aspect of responsible designing. The unit content covers data collection, analysis and reporting.

**Courses:** AR62

**Prerequisites:** ADB107 or equivalent

**Corequisites:** ADP108

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **ADP207 INDUSTRIAL DESIGN 5**

The studio exercises to which most of the time is devoted in this unit aim to the design of products or systems in depth. The emphasis is on integration of knowledge and skills acquired in the previous semesters. The following theoretical topics are associated with them: design process and creative thinking; applied research, creativity and product innovation; work with a client; multidisciplinary teamwork; product integration and development; design ethics and culture; the designer's responsibilities toward the environment.

**Courses:** AR61  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADP217 PROFESSIONAL PRACTICE AND MANAGEMENT**

This unit addresses the following topics: the role of professional practice management; management of design projects; types of contracts; design documentation; the role of design administration; liability; design law; intellectual property; designer-client relationships.

**Courses:** AR61  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADP218 ADVANCED ERGONOMICS**

This unit addresses the basics of cognitive ergonomics, product useability evaluation methods and their applications, and case studies.

**Courses:** AR61  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **ADP247 ADVANCED COMPUTER AIDED INDUSTRIAL DESIGN**

This unit introduces parametric based modelling, hybrid based modelling, application of rapid prototyping and rapid tooling to the design process, and the application of concurrent engineering to the design process.

**Courses:** AR61  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **ADP267 INDUSTRIAL DESIGN RESEARCH 1**

The unit allows applied research to be selected by a student, approved and supervised by the industrial design staff. External specialists may be involved as required.

**Courses:** AR61  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **ADP268 INDUSTRIAL DESIGN RESEARCH 2A**

This unit depends on the topic selected by a student in the previous semester. Students are responsible for the program as a part of their project work, which will be approved and supervised by the industrial design staff.

**Courses:** AR61  
**Prerequisites:** ADP207, ADP267  
**Corequisites:** ADP269  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **ADP269 INDUSTRIAL DESIGN RESEARCH 2B**

This unit depends on the topic selected by a student in the previous semester. Students are responsible for the program as a part of their project work, which will be approved and supervised by the industrial design staff.

**Courses:** AR61  
**Prerequisites:** ADP207, ADP267  
**Corequisites:** ADP268  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **ADP932 PROFESSIONAL STUDIES 2**

This unit offers a self-paced national course (BPA 1) prepared by the RAIA as a basis for the formal examination for registration as an Architect. It covers the context of profession, profes-



sional ethics, and the range of professional services from engagement to completion of a project. Completion of course will attract RAIAC certification.

**Courses:** AR62 **Prerequisites:** ADP114  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► ADP943 ELECTIVE 3

The student chooses elective units to extend and expand an area of knowledge or experience to develop in depth a particular professional expertise. These units may be drawn from an existing range of units available within the Faculty and University. The electives are to be approved by the Course Coordinator.

**Courses:** AR61  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► AMB200 CONSUMER BEHAVIOUR

This unit provides students with the fundamental theories and models to develop a sound understanding of consumers, their needs and behaviours. It provides a detailed examination of the consumer decision process and the internal and external influences on this core decision process. The unit also assists students in applying this knowledge to the development, implementation and evaluation of marketing activities within an organisation.

**Courses:** BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB126 or BSB116 or BSB117  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB204  
**Campus:** GP **Sem:** 1, 2

#### ► AMB201 MARKETING AND AUDIENCE RESEARCH

This unit provides an introduction to the conduct and evaluation of marketing and audience research across the disciplines of advertising, marketing and public relations. Class members explore how field studies, survey, and experimental research are employed to support advertising, marketing and public relations information needs. The unit provides an overview of the research process, research design, methods of data collection and analysis, and the development of research proposals to support decision-making. Class members also explore issues related to research on media audiences, research ethics, and the management of client briefings.

**Courses:** BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB126 or BSB116 or BSB117  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB305, MGB220 or COB334  
**Campus:** GP **Sem:** 1, 2

#### ► AMB202 INTEGRATED MARKETING COMMUNICATION

In past decades many organisations separated the different forms of marketing communication that convey their corporate and marketing messages. They developed separate plans for their advertising, public relations, direct marketing, personal selling and sales promotion with separate goals, objectives, strategies and budgets. Today, many companies recognise the concept of integrated marketing communication which integrates these different functions along with other aspects of the marketing mix that communicate with stakeholders and customers. Integrated marketing communication requires a 'total' approach to planning marketing communication programs and coordinating communication strategies in support of overall brand and product/service marketing objectives.

**Courses:** BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB126 or BSB116 or BSB117  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB207, MIB309  
**Campus:** GP **Sem:** 1, 2

#### ► AMB203 INDEPENDENT STUDY

This provides an opportunity for advanced level undergraduate students to undertake individual research in an area which is complementary to their course work.

**Courses:** BS56

**Prerequisites:** Prior approval from the Head of School

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB206  
**Campus:** GP **Sem:** 2

#### ► AMB220 ADVERTISING THEORY AND PRACTICE

This unit serves as an introduction to later units in the advertising major and gives learners an overview of the advertising industry and the management of the advertising function. The unit traverses the interrelationship of the institutions of advertising, the advertisers, the advertising agencies and the media. It introduces research and details methods of determining advertising objectives and budgets, establishing target audiences and interpreting audience ratings and circulation figures. It enables learners to gain a preliminary understanding of the creative functions of the advertising industry. It also shows the ethical and legal side of advertising and its important role in society and the economy.

**Courses:** BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB126 or BSB116 or BSB117 or 48 credit points of approved prior study for non-Bachelor of Business students only  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB308  
**Campus:** GP **Sem:** 1, 2

#### ► AMB221 ADVERTISING COPYWRITING

There are two parts to any copywriting process: the thinking and the writing. In the first part, students learn to solve advertising problems through an understanding of the prospect and the product and the formulation of incisive creative strategy. In the second part, creative thinking techniques are applied and advertising concepts emerge from the creative strategy. Students' thinking and writing skills are refined in weekly workshops that culminate in a group project.

**Courses:** BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** AMB220 or COB308  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB304  
**Campus:** GP **Sem:** 1, 2

#### ► AMB222 MEDIA PLANNING

This unit introduces the qualitative and quantitative factors affecting media selection and use by advertisers. It covers the costing and scheduling of media, market targeting, measuring media exposure, media comparisons and trends. In-depth analysis of advertising media will allow learners to develop an understanding of the characteristics of each. The application of the concepts of media decision making, media strategy and research to the development of a media plan are emphasised.

**Courses:** BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** AMB220  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB317  
**Campus:** GP **Sem:** 1, 2

#### ► AMB230 INTERNET PROMOTION

This subject addresses an important area of business activity and explores the way in which the Internet is changing marketing practice. The foundations of promotion are examined and applied online. The nature, history, and social implications of the Internet are explored. The promotional mix is analysed with a strong focus on developing successfully integrated web sites for organisations. Learners will develop skills in strategic planning, creative strategy, design, web development as it relates to advertising and promotion, research, and campaign evaluation. Learners will gain important skills in the planning, developing and marketing of websites.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB112 and BSB117; or BSB126; or 48 credit points of approved prior study for non-Business students only  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB218  
**Campus:** GP **Sem:** 1, 2

#### ► AMB231 MARKETING COMMUNICATIONS REGULATIONS AND ETHICS

This unit uses a case study approach and starts from the fundamentals of legal compliance through trade practices and fair trading legislation, then moves to the adoption and adherence of the variety of industry based and professional codes. It examines regulatory models in sunrise industries such as broadcasting and telecommunications as well as the problems of cross-jurisdictional regulation posed by Internet based commerce. It offers students the opportunity to develop generic attributes in critical thinking, problem solving, and ethical sensitivity.

**Courses:** BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** AMB202 or AMB220 or AMB240 or AMB260  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB307  
**Campus:** GP **Sem:** 2

#### ► AMB240 MARKETING PLANNING AND MANAGEMENT

This unit extends the student's knowledge of the fundamental marketing concepts and theories introduced in the Faculty Core unit in Marketing, by adding further breadth and depth of knowledge of marketing and developing skills in the application of this knowledge to marketing planning and management within the business environment. Emphasis is on the role of the marketing manager at the product management level in undertaking analysis, planning, implementation and control of marketing activities.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB126  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB217  
**Campus:** GP **Sem:** 1, 2

#### ► AMB241 E-MARKETING STRATEGIES

E-Business and mobile commerce technologies have emerged as defining technologies for companies in the 21st century. This unit focuses on e-marketing applications and strategies and the marketer's role in developing solutions that integrate new and old economies. Drawing on their knowledge of marketing principles, students will examine the diverse applications of technology in product and service design, product distribution/service delivery and logistics, promotional strategies, and other marketing components. The unit also explores the role of emerging electronic models and the use of e-marketing strategies to achieve global competitive advantage.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB116 or BSB126; and AMB240  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB224  
**Campus:** GP **Sem:** 1, 2

#### ► AMB250 BUSINESS TO BUSINESS MARKETING

This unit addresses the special characteristics of Business markets and Business-to-Business (B2B) marketing programs. It involves the study of organisational buyer behaviour and the special customer/client relationships that form an important part of the Business-to-Business marketing process. Business markets constitute a powerful and essential part of the world economy, being a preliminary source for retailing and manufacturing operations and the force behind major services sectors in supplying government and non-government services including health and education both domestically and internationally.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** AMB202 or AMB240  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB220 or MIB319  
**Campus:** GP **Sem:** 1

#### ► AMB251 INNOVATION AND MARKET DEVELOPMENT

This unit covers the dynamics of product and service innovation within the marketing function of an organisation. Products are defined in the

broadest sense as both tangible and intangible and include the various categories of consumer and industrial products and services. The course covers product market analysis, the product/service development process, design, innovation, research and testing, new product financial analysis, branding and packaging, and new product commercialisation.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** BSB126 or BSB116

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB227

**Campus:** GP

**Sem:** 1, 2

#### ► AMB260 PUBLIC RELATIONS THEORY AND PRACTICE

This unit introduces the student to the theory and research that serves as the foundation of the practice of public relations. The unit surveys the history of the discipline, the theories on which the discipline is based, and current models of practice. The unit focuses on understanding how to research and analyse the opinions of organisational publics in order to develop mutually beneficial relationships with those publics.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** BSB126 or BSB116 or BSB117 or 48 credit points of previous study for non-Business students only

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB325

**Campus:** GP

**Sem:** 1, 2

#### ► AMB261 MEDIA RELATIONS AND PUBLICITY

This unit reflects the strong emphasis within public relations practice of media relations. It introduces students to the theory of media effects and the role of mass media in public opinion formation and how these concepts contribute to campaign planning. It also provides students with practical instruction in the development of media tools including media releases, media kits and media plans, and the use of publicity events in campaigns. New/interactive media are also addressed.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** AMB260

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB329

**Campus:** GP

**Sem:** 1, 2

#### ► AMB262 PUBLIC RELATIONS WRITING

This unit introduces students to a range of public relations writing needs. The students create a substantial portfolio of writing with practical emphasis across controlled and uncontrolled media. Writing for print and electronic forms is covered as well as new/interactive media. The writing process is examined from the perspective of audience needs, and emphasis is placed on the research components of the writing exercise as well as the writing/rewriting cycle.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** AMB260

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB326

**Campus:** GP

**Sem:** 1, 2

#### ► AMB310 INTERNSHIP

This unit provides students with experience of professional practice in a suitable company where they actively work on a part-time basis. Students undertake a preferred study program within the Advertising, Marketing or Public Relations framework. Students are required to submit a number of reports reflecting the theoretical concepts acquired during the degree program, and how they might be applied in practice. Students must obtain the approval of the Major Coordinator prior to enrolling in this unit.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB221, AMB222 or AMB241 or AMB261, AMB262

**Corequisites:** AMB320 or AMB340 or AMB360

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB320 or COB321 or MIB308

**Campus:** GP

**Sem:** 1, 2

#### ► AMB320 ADVERTISING MANAGEMENT

This unit takes the perspective of the Advertising Manager and addresses the use of research in developing, implementing, managing, and assessing a successful advertising campaign. In Advertising Management, learners use the case method of learning to examine the advertising process from its place in the marketing mix to the formulation of objectives, strategy and budget, and to the development of creative and media tactics and their ongoing evaluation. In addition, issues that impinge upon the advertising campaign management process such as legal and ethical issues, globalisation and the client-agency relationship are discussed.

**Courses:** BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** AMB221 and AMB222

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB306

**Campus:** GP

**Sem:** 1, 2

#### ► AMB321 ADVERTISING CAMPAIGNS

This capstone advertising unit draws from all the theoretical, analytical, and applied material developed throughout the advertising major, and applies it to a client brief. Learners develop advertising solutions that incorporate all aspects of an advertising campaign, including objectives, budgeting, message development, message delivery, and measurement. The key emphasis is on the use of research to develop sound advertising strategy, which is then executed as creative and media ideas and evaluated through ongoing benchmarks.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** AMB221 and AMB222

**Corequisites:** AMB320

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB303

**Campus:** GP

**Sem:** 1, 2

#### ► AMB330 ADVERTISING STRATEGY AND PLANNING

This advanced unit builds on the theoretical perspectives and applied skills introduced to students in copywriting, media and advertising management. It explores some important issues: the contribution of research to the creation of advertising; the hierarchical development of strategy from marketing and IMC strategy through to advertising, media and creative strategy; the role of the strategic planner in advertising; the use of planning to deliver more effective advertising solutions. Using problem-based learning, students establish benchmarks to evaluate advertising, develop advertising briefs, and devise strategies for on-time and on-budget process management.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** AMB221 and AMB222

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB300

**Campus:** GP

#### ► AMB331 DIRECT MARKETING

The discipline of Direct Marketing has grown in importance because of its precise targeting, easy accountability, its foundations role in Integrated Marketing Communication (IMC), and its increasing share of the marketing communication budget. This unit focuses on the principles of direct marketing and the role of the database in locating prospects, tracking customers, and building relationships. It examines the components of direct marketing telemarketing, personal selling, and direct response advertising. As the main communication discipline of direct marketing, the emphasis is on direct response advertising. Students consider an analysis of the offer, planning, strategy, creative, media, testing, and evaluation of direct marketing campaigns.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** AMB220 or AMB202 or COB308 or COB207

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** COB315

**Campus:** GP

**Sem:** 1

#### ► AMB340 SERVICES MARKETING

This unit explores the special characteristics that distinguish the marketing of services from the marketing of goods. Topics include the following: the distinctive aspects of consumer decision-making relative to services and the implications for marketing strategy formation; the management of demand and supply; customer services and its influence on service satisfaction; service quality management and measurement; internationalisation of the service sector; distribution modes for services that reflect the significant impacts of new technologies on service delivery.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** AMB240 or MIB217

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB311

**Campus:** GP

**Sem:** 1, 2

#### ► AMB341 STRATEGIC MARKETING

Emphasis of the capstone Marketing unit is on the role of the marketing manager at the corporate and strategic business unit/division levels. Students are exposed to a variety of strategic marketing techniques and issues, and learn how to apply these in corporate planning and management. These topics are included: developing and critiquing strategic marketing planning models; recognising the importance of market focus; determining what marketing strategy can realistically be accomplished for a business; identifying underlying factors that are considered in developing marketing strategy for a market-oriented organisation; discussing problems in successful implementation of marketing strategy; organising for successful strategy implementation.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** AMB240 or MIB217

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB315

**Campus:** GP

**Sem:** 1, 2

#### ► AMB350 RELATIONSHIP AND SALES MANAGEMENT

Theories related to marketing exchange and the concepts of consumer transactions and relationships and their relative importance in different marketing contexts are examined in this unit. The growth of customer relationship management including the transition of consumers along the transaction-relationship continuum and the development of accompanying marketing strategies are highlighted. A discussion of the relative emphasis on transactions and/or relationships in interfacing with the market provides a platform for examining sales management including personal selling principles and ethics, the setting of sales objectives, selling logistics, account and territory management, sales force planning, recruitment and motivation and evaluation of sales performance.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** AMB240 or AMB202 or MIB217 or COB207

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB230

**Campus:** GP

**Sem:** 1

#### ► AMB351 TOURISM MARKETING

This unit examines the tourism system and the unique characteristics of tourists, segmentation bases for tourist markets, the nature of the tourist destination mix, and how marketing is applied within elements of that mix. Services marketing concepts and theories of tourist behaviour are utilised in the analysis of the tourism experience, the processes of destination and product development to meet market needs, and strategy development to accommodate domestic and international tourism marketing environments. Macro-environmental issues impacting on tourism, such as sustainability of the industry and environment, the socio-political context in which marketing occurs, and global trends in travel are also explored for their marketing implications.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** AMB240  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB321  
**Campus:** GP **Sem:** 2

### ► AMB352 MARKETING DECISION MAKING

The nature of decisions and decision models in specific strategic and tactical areas of marketing management are examined in this unit. Decisions related to sales forecasting, market analysis, product planning, pricing, promotion and distribution are viewed from quantitative and qualitative perspectives. Students are exposed to computer software and analysis skills that aid the marketing decision process and build their analytical skills of direct relevance in marketing practice. The unit also embraces the analysis and application of marketing information systems including database marketing and the Internet as a marketing information resource.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** AMB240 or MIB217  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB320, MIB216  
**Campus:** GP **Sem:** 2

### ► AMB353 RETAIL MARKETING

This unit focuses on the dynamics of the retailing industry. It provides students with detailed knowledge of the various approaches to how retail marketing is conducted nationally and internationally from both an operational and a strategic perspective. The unit provides a balance of theory and application in topics such as retail institutions and the retail life cycle, store location analysis, store layout, planning and design, merchandising, promotion and stock planning, franchising and industry trends.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** AMB240 or MIB217  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB229, MIB310  
**Campus:** GP **Sem:** 2

### ► AMB354 EVENTS MARKETING

Events have become significant strategic marketing tools for positioning products/services, industries, destinations and community interests at the local, national and global levels. The unit initially explores various types, roles and objectives of events, and the profile and motives of event markets and stakeholders. These key topics are included: processes of attracting or developing the event experience including bidding processes; partnership creation with sponsors, media and community; venue selection and design relative to market/stakeholder needs; ticketing/pricing or access management; imaging the event from an integrated marketing communication perspective. Local and international cases are used.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** AMB202 or AMB240 or COB207 or MIB217  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB319  
**Campus:** GP **Sem:** 1

### ► AMB360 CORPORATE COMMUNICATION MANAGEMENT

The unit explores the corporate communication management function within an organisation and identifies how decisions about the use of various corporate communication solutions are made. Emphasis is placed in this unit on the role of corporate communication in management systems, the nature and processes of information management in corporate communication, and environmental analysis. The unit also draws on contemporary issues in corporate communication management including issues management, ethical and legal considerations in practice and the role of corporate communication in organisational change.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** AMB261 and AMB262  
**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

### ► AMB361 PUBLIC RELATIONS CAMPAIGNS

This unit focuses on the public relations campaign planning process from problem identification and research through to strategy development, campaign development and evaluation. It is designed to meet the students' interests in understanding how various campaign elements come together and to test their ability to integrate their prior learning in the introductory theory and practice units. To service the practice elements of public relations implementation, the unit incorporates a number of client service aspects. Students are expected to research, develop and present their plans. This unit incorporates real world clients to enhance the students' portfolios.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** AMB201, AMB261, AMB262  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** COB323, AMB381  
**Campus:** GP **Sem:** 1, 2

### ► AMB370 PUBLIC RELATIONS CASES

This unit provides students with an understanding of a wide range of public relations challenges in order to build a better range of experience with management level organisational issues. Australian and international cases are used to explore different components of public relations practice.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** AMB261 or AMB262  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► AMB371 CORPORATE COMMUNICATION STRATEGIES

This unit provides students with an understanding of the development and analysis of communication strategy in public relations and corporate communication. Students learn theory and practice for systematic analysis of the 'fit' between environmental factors and organisational resources, the resulting communication problems, and the development of communication strategies. Students integrate theory and research in such areas as media effects, organisational change, diffusion, and persuasion for analysis and development of communication strategy.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** AMB360 or AMB361  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► AMB201 MARKET AND AUDIENCE RESEARCH

This unit provides an introduction to the conduct and evaluation of marketing and audience research. Students explore how field studies, survey, and experimental research are employed in strategic planning and evaluation to support advertising, marketing and public relation information needs. The unit provides a thorough grounding in research process, research design, and the development and presentation of research proposals. The unit explores, in detail, methods of gathering and analysing data. Students also explore issues related to research ethics and the management of client briefings.

**Courses:** IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** AMB201 **Campus:** KG

### ► AMN400 CONSUMER BEHAVIOUR

This unit provides an introduction to the area of consumer behaviour and a forum for discussion of theory and research in the field. The current state of consumer behaviour research is reviewed and some of the emerging trends in the area are explored through several avenues of assessment. The unit provides the environment for students to conduct their own research in areas that are relevant and of interest to them, and that reflect the interdisciplinary nature of consumer behaviour.

**Courses:** BS39, BS63, BS93, GS40, GS75, GS85, IF94, IF96  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIN419  
**Campus:** GP **Sem:** 1, 2

### ► AMN401 INTEGRATED MARKETING COMMUNICATION

Integrated marketing communication (IMC) is a new discipline that seeks synergistic effect from integrating traditional marketing communication disciplines. This unit explores the development of IMC, looking at reasons for growth, barriers to implementation, and organisation issues. Students are introduced to the strategic foundations of IMC, from consumer behaviour, to marketing strategy, and IMC campaign evaluation. The disciplines of advertising, public relations, direct response and sales promotion are then explored to highlight how each contributes to IMC planning.

**Courses:** BS39, BS63, BS93, GS40, GS75, GS85, IF96  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CON421  
**Campus:** GP **Sem:** 1, 2

### ► AMN403 MARKETING AND SURVEY RESEARCH

This unit provides a detailed overview of marketing research to support decision making in the areas of advertising, integrated marketing communication, marketing, and public relations. The unit builds an advanced understanding of the use of survey research to support the descriptive and predictive information needs of management in such areas as consumer opinions and behaviour, and stakeholder analyses. Students will explore issues related to survey research design, questionnaire development and administration, sampling, measurement, data analysis including descriptive and multivariate statistics, and presentation of research results.

**Courses:** BS39, BS93, GS40, GS48, GS75, GS76, GS85, GS97, IF96  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIN413  
**Campus:** GP **Sem:** 1, 2

### ► AMN404 READINGS IN INTEGRATED MARKETING COMMUNICATION

The unit provides participants with the opportunity to make a detailed exploration of the literature on a particular topic or problem in the area of Integrated Marketing Communication under the direction of a supervisor. The readings integrate and consolidate theory and research related to IMC and from other studies undertaken in the course. Students undertake a formal and systematic review of literature in a particular problem area of IMC related to their interests, project or thesis. Students may also explore work covered in other specialisations.

**Courses:** BS39, BS93, IF94, IF96  
**Credit points:** 12 **Incompatible with:** CON416  
**Campus:** GP **Sem:** 1, 2

### ► AMN405 CASES IN INTEGRATED MARKETING COMMUNICATION

This unit provides students with the opportunity to explore a range of topics related to the integration of the elements of the promotional mix: advertising, personal selling, reseller support, publicity, direct marketing, and sales promotion. Through the use of intensive case study analysis and discussion, students refine conceptual understanding and analytical skills to explore such IMC topics as brand equity and IMC, IMC approaches to promotions management, organisational issues related to structuring corporate IMC functions, environmental analysis and database marketing to inform IMC planning, and IMC strategies and the development of corporate advantage.

**Courses:** BS39, BS63, BS93  
**Prerequisites:** AMN401  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

### ► AMN406 PROJECT

In this unit, students examine in detail a theoretical or empirical problem in one of the disciplines of advertising, marketing, public relations, or integrated marketing communication. The study is based in the published journal literature of the discipline and can involve primary research and analysis. Students can develop a communication audit of an organisation or a case study related to an organisation product or issue. Project supervi-

sion will be arranged by the Unit Coordinator through consultation with the student and available staff members.

**Courses:** BS93, IF96

**Prerequisites:** 96 credit points of approved prior studies

**Contact hours:** 2-6 per week **Credit points:** 24

**Incompatible with:** CON405

**Campus:** GP

**Sem:** 1, 2

#### ► AMN411 INDEPENDENT STUDY

This provides an opportunity for advanced level postgraduate students to undertake short-term, individual studies focusing on a problem area of advertising, marketing, public relations or integrated marketing communication.

**Courses:** BS39, BS93, IF96 **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► AMN420 ADVERTISING MANAGEMENT

This unit empowers students to make effective management decisions within the advertising process. It examines the setting of advertising objectives, and the need for coordination of these with marketing, communication and organisational objectives. It develops a sound understanding of advertising regulations and ethics, budgeting, research, and campaign coordination. It further examines management's participation in the creative, media and production processes, and the contribution of advertising management to the cohesion and creativity of the agency.

**Courses:** BS39, BS93, GS40, GS75, GS85, IF94, IF96

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON417

**Campus:** GP

**Sem:** 1, 2

#### ► AMN421 CONTEMPORARY ISSUES IN ADVERTISING

This unit surveys the intellectual foundations of a number of contemporary issues emerging within the advertising discipline and provides sophisticated, systematic explanations of their societal implications and consequences. It also explores how these issues are addressed by business, government and organisation.

**Courses:** BS93, GS40, GS75, GS85, IF94, IF96

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON412

**Campus:** GP

**Sem:** 1, 2

#### ► AMN422 MEDIA STRATEGY

One of the ultimate determinants of the effectiveness of any advertising campaign is the media strategy. This unit examines ways to improve efficiency in media planning, buying, coordination and research. It examines concepts of media decision making, market targeting through the creative use of media, and strategic planning. It explores current media campaigns and encourages the development of a more creative and integrated approach to media.

**Courses:** BS39, BS93, IF96

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON418

**Campus:** GP

**Sem:** 1

#### ► AMN423 STRATEGIES FOR CREATIVE ADVERTISING

This unit explores the substantive body of academic research on creative advertising. It follows the creative process, beginning with the development of creative strategy and concluding with campaign evaluation. Through cases and presentations, students examine how copywriters think and the illumination of the 'big idea' and its execution across the very diverse advertising media.

**Courses:** BS39, BS93, GS40, GS75, GS85, IF96

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON419

**Campus:** GP

**Sem:** 2

#### ► AMN442 MARKETING MANAGEMENT

This includes the study of marketing, marketing systems and marketing management, and marketing planning within the contemporary structure of the social, cultural, political, economic, business and organisational environment. Concepts are applied through the study and construction of a marketing plan, which involves market and sales analysis, target market strategies, tactical deci-

sion planning, and implementation and control. Marketing management concepts are applied to virtual and physical markets and attention is given to a range of skills in finance, human resources, and information and other skills needed by marketing managers in these markets.

**Courses:** BS39, BS63, BS93, IF96

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN422

**Campus:** GP

**Sem:** 1, 2

#### ► AMN443 PRODUCT AND SERVICE INNOVATION

This unit examines the dynamics of innovation and development within the mix of core marketing activities of organisations. Once the integral role innovation plays in organisations is established, the unit also reviews the key stages in the process of creating, developing and implementing new product and service concepts including product, service and market analysis, design, innovation, evaluation and testing of ideas, branding and packaging, market testing and investment analysis.

**Courses:** BS39, BS63, BS93, GS40, GS48, GS75, GS76, GS85, GS97

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN423

**Campus:** GP

**Sem:** 1

#### ► AMN444 SERVICES MARKETING

This unit introduces a framework for studying services and explores both strategic and operational issues: the design and delivery of services; the formulation of communication strategies; definition, measurement and implementation of customer focused marketing programs in service industries; the establishment and maintenance of relationships with customers.

**Courses:** BS39, BS63, BS93, GS40, GS75, GS85

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN424

**Campus:** GP

**Sem:** 1

#### ► AMN445 STRATEGIC MARKETING MANAGEMENT

This is a capstone unit which aims to ensure students can manage the complete marketing function at a senior level within a corporation. It includes assessing the marketing function's performance with appropriate tools to diagnose, assess, track and evaluate performance and to modify processes to improve the function. Links between the marketing function and other functions of a business such as accounting, operations and human resources are drawn, so that the student would be in a position to move into top management if the opportunity arose.

**Courses:** BS39, BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN425

**Campus:** GP

**Sem:** 1, 2

#### ► AMN447 CONTEMPORARY ISSUES IN MARKETING

This unit offers advanced study of topical issues and emerging trends in marketing practice as a result of new technologies, current events and their impact on local, national and international enterprises. In depth interaction with business and public policy leaders expands students' research, reflection and strategic thinking abilities.

**Courses:** BS39, BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIN407

**Campus:** GP

**Sem:** 2

#### ► AMN448 MARKETING FOR ONLINE SERVICES

Online technologies open up a new marketplace and communication medium for ideas, information, entertainment and commerce. With a changing marketplace, organisations and the people they employ need to acquire skills to develop and work with new types of interactive products and services. This change requires the understanding of the opportunities to approach markets locally, regionally and globally and to develop new markets previously unreachable. It entails a re-think of the existing paradigm for the marketing of goods and services and a development of a process for analysing the changing marketplace.

**Courses:** BS39, BS93

**Incompatible with:** MIN438, GSN447, GSN448

**Campus:** GP

#### ► AMN460 CORPORATE AND INVESTOR RELATIONS

This unit reviews all aspects of the public relations function in communicating with corporate audiences. Specific focus is placed on how corporate entities meet both regulatory and promotional requirements in communicating with special interest groups including shareholders and employees. Suitable communication tools are examined for use in ongoing communication programs.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON409

**Campus:** GP

**Sem:** 2

#### ► AMN461 CORPORATE MEDIA STRATEGY AND TACTICS

This unit examines theories underpinning mass media and links these with the practice of public relations media tactics. Students analyse techniques and skills used in liaison with electronic media, print media, trade media and news media. Producing and evaluating communication materials such as news releases, features and media kits form an important part of this unit. Students develop strategic thinking through analysis of contemporary media case studies.

**Courses:** BS39, BS93, GS40, GS75, GS85

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON424

**Campus:** GP

**Sem:** 1, 2

#### ► AMN463 PUBLIC OPINION AND PUBLIC RELATIONS

This unit provides a detailed overview of the theoretical foundations and empirical research on public opinion and the implications of that theory and research to public relations management. The unit includes detailed examination of the role of mass media in the development and change of public opinion and problems related to the measurement and interpretation of public opinion. It builds an advanced understanding of the use of survey research to support the descriptive, diagnostic, and predictive information needs of management related to public opinion. The unit considers the role of public relations in efforts to shape and manage public opinion.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► AMN465 PUBLIC RELATIONS MANAGEMENT

This unit provides learners with an overview of the theory and research that constitute the foundations of public relation practice. The unit provides a detailed inspection of communication processes necessary for the management of organisational relationships with publics. The unit focuses on such topics as issues management, organisational change, public opinion, and mass media effects, in order to explore the foundations of contemporary public relations management.

**Courses:** BS39, BS93, GS40, GS75, GS85

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON415

**Campus:** GP

**Sem:** 1, 2

#### ► AMN467 PUBLIC RELATIONS CAMPAIGNS

This unit provides a systematic exploration of the planning, management and evaluation of public relations campaigns and programs. The primary goal of the unit is to build a detailed understanding of existing theory and research that informs the development and evaluation of public relations campaigns. The unit focuses on key problem areas of campaign management including strategy, design and evaluation.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► AMN468 ISSUES AND CRISIS MANAGEMENT

This unit examines the strategic management of crisis communication including that for organisations. A strategic planning approach is covered including organisation analysis, issues identifica-

tion, audience prioritisation, strategy formulation, tactical planning, and implementation and evaluation. Pre-crisis issues in management are addressed as well as proactive and defensive communication strategies during crisis. The unit demonstrates the application of general communication tools to a specialised area.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CON408

**Campus:** GP

**Sem:** 1

#### ► ARB081 HISTORY, THEORY AND CRITICISM OF URBAN DESIGN

This unit presents an analysis of urban forms and systems in the pre-industrial, industrial and post-industrial periods. Specific history topics include urban activities, urban culture and diversity, urban services and urban form. This unit addresses concepts of 'good theory' of urban design in relation to the work of a number of theoretical writers and schools. Specific theoretical topics include the 'kunstlerischen Grundsätzen' of Camillo Sitte, the Garden City movement, Le Corbusier and modernism, the counter-modern influences of the townscape movement, Jane Jacobs, Kevin Lynch and the Responsive Environments approaches, Christopher Alexander, Rapoport, phenomenological approaches, and recent movements such as 'the new urbanism'.

**Courses:** BN73, DB73

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ARB082 URBAN DESIGN STUDIO B

This studio covers identification and classification of approaches to urban design, the setting of objectives, urban design rationales, the adoption of a method and the testing of implications for a particular urban design problem type. This unit typically involves a theory based preparation of an urban design proposal for an urban/suburban/town area, and/or an urban design issue. Where applicable, work in other units of study is incorporated into this unit. The 24 credit points allow focus, depth and, where appropriate, joint/complementary project work with senior students in other Faculty courses. Field work is incorporated.

**Courses:** BN73, DB73

**Credit points:** 24

**Campus:** GP

**Sem:** 1

#### ► ARB083 URBAN DESIGN MASTERS STUDIO

This unit is an advanced level urban design project, supported by seminars presented by staff, students and visiting lecturers and distinguished practitioners. This studio focuses on changes in the production and consumption of the city, including the effects of globalisation, space-time compression, economic rationalism, and the privatisation of space, services and professional activities.

**Courses:** BN73, DB73

**Credit points:** 24

**Campus:** GP

#### ► ARB801 FIRE TECHNOLOGY AND SCIENCE

Topics covered in this unit include the chemistry and physics of fire: heat transfer mechanisms; combustion processes; fire behaviour of materials; fire initiation and development; fire growth and spread; flashover; management of fire; theory of fire extinguishment; detection and extinguishment systems; fire brigade involvement.

**Courses:** AR65

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ARB802 HUMAN BEHAVIOUR AND FIRE

This unit considers fire: its effects on life and property and community costs; human studies and response models; hazardous fire environments; egress calculations and models; human behaviour including occupant characteristics, behaviour during emergencies, and response times; risk management and probabilistic fire models.

**Courses:** AR65

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► ARB803 FIRE AND BUILDING LEGISLATION

This unit addresses the following topics: society's expectations for life safety and asset protec-

tion; the traditional prescriptive approach; performance principles and methodology; state legislation (administrative framework); PBCA 96 and Australian Standards (technical framework); legal issues related to PBCA process and procedural matters; integrated approval (dangerous goods, health care, etc)

**Courses:** AR65

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ARB804 FIRE SAFETY SYSTEM DESIGN

This unit addresses the following topics: mechanics of smoke and fire spread in buildings; smoke and fire management; external fire spread and heat radiation; fire load and severity; building structural fire performance (materials and structure); fire modelling; application of fire growth models to fire protection problems; fire protection; methodology for fire safety risk assessment; estimation of fire safety performance parameters; case studies.

**Courses:** AR65

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► AYB121 FINANCIAL ACCOUNTING

Financial Accounting provides an examination of the accounting concepts and procedures relevant to both partnership and corporate structures within the context of the accounting profession's conceptual framework: the relevant accounting standards and Corporations Law requirements. These topics are included: the formation, operation, financial reporting and disclosure for both Partnerships and Companies; accounting for leases; the professional role of accountants. The emphasis is on the effect of the different forms of ownership on the financial statements.

**Courses:** BS56, ED50, IF28, IF30, IF37, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** BSB110

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** AYB111

**Campus:** GP

**Sem:** 1, 2, 3

#### ► AYB220 COMPANY ACCOUNTING

This unit includes the following: the preparation of consolidated financial statements; an overview of the statutory requirements that dictate the format and content of published financial reports of companies; the requirements of the Corporations Act 2001 and the major disclosure orientated accounting standards; accounting for income tax; accounting for the acquisition of assets (including entities); accounting for investments in associates; accounting for foreign currency transactions arising from international trading and financing; the translation of the results of foreign operations.

**Courses:** BS56, ED50, IF28, IF30, IF37, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** AYB121

**Contact hours:** 3.5 per week

**Credit points:** 12

**Incompatible with:** AYB112

**Campus:** GP

**Sem:** 1, 2, 3

#### ► AYB221 COMPUTERISED ACCOUNTING SYSTEMS

This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems and includes the following: accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle and payroll cycle; computer fraud, security and crime; accessing accounting information; accounting in an electronic environment. Practical application of these concepts is enhanced by the use of accounting software such as MYOB, spreadsheet software such as Excel, database software such as Access, and interactive multimedia software such as Accounting Information Systems Cycles.

**Courses:** BS56, ED50, IF28, IF30, IF37, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** BSB110, BSB122

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** AYB222, AYB101

**Campus:** GP

**Sem:** 1, 2

#### ► AYB223 LAW OF BUSINESS ASSOCIATIONS

The unit is intended to equip students with a basic understanding and knowledge relevant to the environment of legal entities, particularly corporations. It also seeks to provide students with sufficient basic understanding of the legal structure of business associations to enable them to recognise the appropriate structure for particular commercial situations.

**Courses:** BS56, ED50, IF30, IF48, IF60, IF61, IF62

**Prerequisites:** BSB111

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** ALB122

**Campus:** GP

**Sem:** 1, 2

#### ► AYB225 MANAGEMENT ACCOUNTING

This unit introduces students to accounting systems and techniques that provide management at all levels with information for use in planning, controlling and decision making. This can be contrasted with financial accounting, which provides summary financial information principally for external users (ie shareholders, creditors, banks, etc). Emphasis is placed on developing a range of accounting systems (in particular product costing) which may be used in manufacturing firms, although the principles and concepts used to develop such systems can be adapted to service organisations.

**Courses:** BS56, ED50, IF28, IF30, IF37, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** BSB110

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** AYB224, FNB123

**Campus:** GP

**Sem:** 1, 2

#### ► AYB227 INTERNATIONAL ACCOUNTING

International Accounting is designed to provide students with an insight into, and an appreciation of, many of the accounting problems and issues faced in an international business environment. Issues examined include the following: comparative international accounting systems and practices; cultural influences on accounting; international financial reporting issues such as international business combinations, intangibles, foreign currency transactions and translation, comparative international analysis of financial statements; global accounting issues in the twenty-first century. The unit also examines the impact of international harmonization of accounting standards on multinational corporations and the investment communities worldwide.

**Courses:** BS56

**Prerequisites:** BSB110

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► AYB301 AUDITING

This unit enables students to comprehend the key concepts of auditing as a discipline, to demonstrate the relationship between auditing and the systems of accountability and to demonstrate the differences between manual and EDP audit processes. The unit builds on the knowledge of accounting and accounting standards acquired in prior units by enabling students to understand in detail the audit process (including professional auditing standards and techniques) which leads to the auditor providing an opinion on the financial reports of various types of entities.

**Courses:** BS56, ED50, IF28, IF30, IF37, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** AYB220

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** AYB210

**Campus:** GP

**Sem:** 1, 2, 3

#### ► AYB305 COMPANY LAW AND PRACTICE

This unit presents advanced topics in company law including protection of minority interests, prospectuses and fundraising, company charges, insider trading, takeovers and buy-backs, and law relating to financially troubled companies.

**Courses:** BS56, IF60, IF61

**Prerequisites:** AYB223

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** ALB120

**Campus:** GP

**Sem:** 2

### ► AYB309 COMPUTER SECURITY AND AUDIT

The impact of Computer Information Systems (CIS) on controls and auditing, general controls, application controls, generalised audit software, static and concurrent computer-assisted audit techniques, and special CIS environments are addressed in this unit. A focus on the audit of the SAP R/3 system will be provided.

**Courses:** BS56 **Prerequisites:** AYB301  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB212  
**Campus:** GP

### ► AYB310 COMPUTERISED ACCOUNTING APPLICATIONS

This unit introduces software to build various accounting applications and discusses issues related to the use of such applications. Database software is used to build parts of an accounting information system (for example, general ledger, accounts receivable ledger or accounts payable ledger). Macros are utilised in spreadsheet software to build automated accounting-related models. Issues and recent developments in accounting information systems are examined.

**Courses:** BS56 **Prerequisites:** AYB221  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB218  
**Campus:** GP **Sem:**

### ► AYB311 FINANCIAL ACCOUNTING ISSUES

This unit introduces students to the nature of accounting theory and integrates theory with practice to assist in the understanding of major Australian and International accounting issues. The following topics are addressed: positive and normative theories of accounting; the external reporting framework including international harmonisation and the conceptual framework; definition, recognition and measurement of assets, liabilities, equity, revenues and expenses; asset revaluations; intangibles; leases and employee entitlements. Accounting in specific industries such as general insurers, construction, extractive industries and superannuation funds is also examined. This unit complies with the new international accounting standards. Contracting theory is used.

**Courses:** BS56, ED50, IF30, IF37, IF48, IF60, IF62  
**Prerequisites:** AYB220  
**Contact hours:** 3.5 per week **Credit points:** 12  
**Incompatible with:** AYB113  
**Campus:** GP **Sem:** 1, 2

### ► AYB312 FINANCIAL INSTITUTIONS LAW

This unit deals with the regulation of banks and non-bank financial institutions, the financial institutions' scheme, the banker-customer relationship, laws relating to cheques and other negotiable instruments, negligent advice by financial institutions, and other possible grounds of liability in the dealings of financial institutions with customers.

**Courses:** BS56, ED50, IF60, IF61, IF62  
**Prerequisites:** BSB111  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ALB103  
**Campus:** GP **Sem:** 1

### ► AYB313 GOVERNMENT ACCOUNTING

This unit is designed to expose students to the context and operation of accounting in the public sector. Government accounting and budgeting practice is reviewed, and a comparison is made with private sector practice. This unit examines practical aspects of public sector accounting.

**Courses:** BS56 **Prerequisites:** BSB110  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► AYB321 STRATEGIC MANAGEMENT ACCOUNTING

Strategic management accounting develops a theory of organisations that provides an understanding of the information requirements of management to facilitate the strategic planning, decision-making and control necessary for the achievement of their objectives. Topics include the following: developing effective performance-evaluation systems and compensation plans;

examining how managers can design organisations to motivate individuals to make choices that increase firm value; managing transfer-pricing disputes among divisions; developing an understanding of new management accounting practices, including activity-based costing (ABC), the balanced scorecard (BSC), and economic value added (EVA); and appreciating the research on benefits and problems with ABC, BSC and EVA.

**Courses:** BS56, ED50, IF30, IF37, IF48, IF60, IF62  
**Prerequisites:** AYB225  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** FNB124  
**Campus:** GP **Sem:** 1, 2

### ► AYB323 TAX PLANNING

The aim of this unit is to develop students' taxation planning abilities within the context of the Australian Income Tax legislation by applying their knowledge and understanding of taxation law obtained in previous taxation law subjects. The subject covers the various forms of business entities as well as individual taxpayers giving students a broad understanding of the application of the income tax legislation and other revenue laws to typical tax planning situations including employment, business structures, and restructuring. The unit also provides students with an understanding of other considerations that affect tax planning in professional practice.

**Courses:** BS56, IF60, IF61  
**Prerequisites:** AYB328 **Corequisites:** AYB328  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ALB131  
**Campus:** GP **Sem:** 2

### ► AYB325 TAXATION LAW

This unit introduces students to the statutory framework of the Australian taxation system. Elements in the determination of taxable income and the levy of income tax are examined including general and specific categories of assessable income and allowable deductions, capital gains tax and administration aspects of the tax system. The taxation of fringe benefits is also examined. The unit concludes with a brief overview of the taxation of partnerships, trusts and companies and the goods and services tax. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.

**Courses:** BS56, IF30, IF48, IF60, IF61, IF62  
**Prerequisites:** AYB223  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ALB132  
**Campus:** GP **Sem:** 1, 2

### ► AYB328 TAXATION OF BUSINESS ENTITIES

The aim of this unit is to develop students' knowledge and understanding of the Australian Income Tax legislation applicable to various forms of business entities as at 1 July 2004. This unit examines the principles governing the taxation treatment of various business entities from a domestic and international perspective. The taxation processes for partnerships, companies, trusts and superannuation funds will be analysed so that students are able to advise clients on the tax effectiveness of various business structures from a commercial and professional aspect. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.

**Courses:** BS56, IF61, IF60  
**Prerequisites:** AYB325  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB326, ALB133  
**Campus:** GP **Sem:** 1, 2

### ► AYB336 ADVANCED AUDITING

This unit addresses the following topics: the audit approach; risk-based auditing; planning an audit; verification of statements of financial performance and position; other assurance services; legal liability; ethics; independence; internal auditing. The unit also considers the impact of Computer Information Systems (CIS) on controls and auditing, general controls, application controls, generalised audit software, static and concurrent computer-assisted audit techniques, and special CIS

environments. A focus on the audit software ACL and on the SAP R/3 system is provided.

**Courses:** BS56 **Prerequisites:** AYB301  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB309 and AYB331  
**Campus:** GP

### ► AYB337 GOODS AND SERVICES TAX

The aim of this unit is to help students understand the GST law, how it applies to business transactions and how to identify and solve GST problems. The unit introduces the general principles of the GST system applicable to business entities. It makes a comparative analysis of the different types of supplies permissible under the legislation and includes tax planning advice. Some of the more simple aspects of international taxation between Australia and its major trading partners are considered. Recent Tax Reforms applicable to business entities are included.

**Courses:** BS56, IF60, IF61  
**Prerequisites:** AYB223  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

### ► AYN405 ADVANCED TAX PLANNING

The unit assumes that students have a reasonable grasp of Australian income tax law and practice and the various other revenue imposts that are levied on the business community. The objective of the unit is to provide the students with the necessary skills and expertise in relation to the application of the income tax legislation and other revenue laws to typical tax planning situations including employment, business structures and restructuring. Professional, ethical and legal responsibilities attaching to tax advisors are also addressed throughout the semester when addressing the implications of tax avoidance, tax evasion and tax fraud.

**Courses:** BS93  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ALN101 **Campus:** GP

### ► AYN410 BUSINESS LAW AND ETHICS

This unit provides an introduction to business law and to morality in the business context. It includes the following: the legal framework for business interpretation of statutes; law of torts; contract law and agency; morality and how it works as an aspect of the business community; the origins of moral belief, and the motives which lead people to abide by what they believe to be morally right and to persuade others to do likewise with special emphasis on business aspects of morality.

**Courses:** BS93  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ALN103  
**Campus:** GP **Sem:** 1, 2

### ► AYN411 COMPANY AUDITING

Audit topics include the following: the audit environment; the legal liability of auditors; professional ethics; the study and evaluation of audit planning and programming, evidence, internal control theory and review techniques; audit program applications; revenue, receivables, cash; inventory; audit in CIS environment and evaluation of CIS controls; computer-assisted audit techniques; computer fraud; audit sampling techniques; audit reporting.

**Courses:** BS93  
**Prerequisites:** AYN417  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYN120  
**Campus:** GP **Sem:** 1, 2

### ► AYN412 COMPANY LAW

This unit introduces the law relating to the establishment, operation and dissolution of business associations, the forms of business associations, partnerships, trusts, companies and voluntary associations. It focuses on companies: incorporation requirements, classification, corporate governance, share capital and management issues.

**Courses:** BS93 **Prerequisites:** AYN410  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

### ► AYN413 INFORMATION SYSTEMS GOVERNANCE AND AUDIT

The impact of Computer Information Systems (CIS) on controls and auditing: general controls,



application controls, generalised audit software, static and concurrent computer-assisted audit techniques, and special CIS environments are addressed in this unit. A focus on the audit of the SAP R/3 system is provided.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN109

**Campus:** GP

#### ► AYN414 COST ACCOUNTING

This unit provides an introduction to management accounting and covers cost concepts, job and process costing systems budgeting, direct and absorption costing, and cost volume profit analysis.

**Courses:** BS93, GS40, GS48, GS50, GS75,

GS76, GS85, GS86

**Prerequisites:** AYN416

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

#### ► AYN416 FINANCIAL ACCOUNTING 1

This unit provides an introduction to accounting: recording business transactions; adjusting the accounts and preparing financial statements; completing the accounting cycle, accounting systems and specialised journals; accounting for receivables and payables; accounting for merchandising operations and inventories; non-current assets; liabilities; partnerships; companies; and statement of cash flows. All include the application of the GST where applicable.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN112

**Campus:** GP

#### ► AYN417 FINANCIAL ACCOUNTING 2

This unit addresses the following topics: the preparation of consolidated financial statements; an overview of the statutory requirements that dictate the format and content of published financial reports of companies; the requirements of the Corporations Act 2001 and the major disclosure orientated accounting standards; accounting for income tax; accounting for the acquisition of assets (including business entities); accounting for investments in associates; the termination of a company's life and the accounting procedures necessitated by winding up/liquidation; accounting for foreign currency transactions arising from international trading and financing; and the translation of the results of foreign operations.

**Courses:** BS93, GS40, GS41, GS48, GS50,

GS75, GS76, GS85, GS86

**Prerequisites:** AYN416

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN113

**Campus:** GP

#### ► AYN418 FINANCIAL ACCOUNTING 3

This unit introduces students to the nature and development of accounting theory and to the application of theory to practice. The following topics are addressed: positive and normative theories of accounting; the external reporting framework including international harmonisation and the conceptual framework; definition, recognition and measurement of assets, liabilities, equity, revenues and expenses; asset revaluations; intangibles; financial instruments; leases; and employee entitlements. Accounting in specific industries such as general insurers, construction, extractive industries and superannuation funds is also examined. Contracting theory is used throughout to help explain accounting policy choices.

**Courses:** BS93, GS40, GS48, GS50, GS75,

GS76, GS85, GS86

**Prerequisites:** AYN417

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN114

**Campus:** GP

#### ► AYN419 FINANCIAL MODELLING AND BUSINESS VALUATIONS

This unit introduces students to frameworks and tools for modelling financial data to assist in planning and controlling an organisation's financial future. Financial modelling is a powerful strategy for dealing with an uncertain future affected by a range of controllable and uncontrollable factors. This unit explores how these factors

are explicitly taken into account and presents business strategies to deal with them. There is a focus on firm value, strategic performance management and activity based costing.

**Courses:** BS93

**Incompatible with:** EFN410, FNN103

**Campus:** GP

#### ► AYN424 INTERNATIONAL ACCOUNTING

This unit is designed to provide students with an insight into, and an appreciation of, many of the accounting problems and issues faced in an international business environment. The unit examines the following issues: accounting systems in the global environment; international patterns of accounting development including cultural influences on accounting; comparative international accounting systems and practices; the pressures for international accounting harmonisation and disclosure; international disclosure trends and financial analysis; global accounting issues into the twenty-first century.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN119

**Campus:** GP

#### ► AYN432 PUBLIC SECTOR ACCOUNTING AND GOVERNANCE

This unit is designed to expose students to the theoretical and conceptual issues of corporate governance in the public sector. The context and operation of public sector corporate governance, budgeting, auditing and reporting practices are reviewed, and a comparison is made to private sector practice. Readings from both the research and professional literature is used as a basis for discussion.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** FNN111

**Campus:** GP

#### ► AYN433 RESEARCH TOPICS IN ACCOUNTING

In this unit, students research accounting topics that they have chosen in consultation with the lecturer. Initially, each student investigates an area of potential research in conjunction with the lecturer and gives a class presentation on an aspect of this. Subsequently, under the supervision of the lecturer, the student develops the topic into an extended essay. Subjects may be chosen from a broad variety of topics.

**Courses:** BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

#### ► AYN438 TAXATION LAW AND PRACTICE

This unit introduces students to the statutory framework of the Australian taxation system. Elements in the determination of taxable income and the levying of income tax are examined including general and specific categories of assessable income and allowable deductions, capital gains tax and administration aspects of the tax system. The taxation of fringe benefits is also examined. The unit concludes with a brief overview of the taxation of partnerships, trusts and companies and the goods and services tax. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

#### ► AYN439 MANAGEMENT ACCOUNTING

This unit builds on AYN414 covers the following: planning and control; decision-making and relevant costs; responsible accounting; cost allocation; pricing techniques; transfer pricing; performance evaluation; operations research techniques; contemporary management accounting issues such as activity based costing, value-added management, just-in-time systems, total quality management and strategic management accounting.

**Courses:** BS93, GS40, GS48, GS50, GS75,

GS76, GS85, GS86

**Prerequisites:** AYN414

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► AYN443 ELECTRONIC COMMERCE CYCLES

This unit examines the concepts, processes and issues relevant to computerised accounting systems including the following: accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle and payroll cycle; computer fraud, security and crime; accessing accounting information; accounting in an electronic environment. Practical application of these concepts is enhanced by the use of accounting software such as MYOB, spreadsheet software such as Excel, database software such as Access, and interactive multimedia software such as Accounting Information Systems Cycles.

**Courses:** BS93, GS40, GS48, GS50, GS75,

GS76, GS85, GS86

**Prerequisites:** AYN416 or GSN404

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYB221, AYN303,

AYN402

**Campus:** GP

**Sem:** 1, 2

#### ► AYN449 ENTERPRISE SYSTEMS

This unit addresses the following topics: the nature of enterprise resource planning systems (ERP); advanced study of accounting information system cycles linking concepts to the SAP R/3 FI-Financial Accounting Module functionality; general ledger accounting, sub ledger accounts, accounts receivable and accounts payable; authorisations for the FI Module; integration with co-controlling module.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► AYN453 FINANCIAL FORENSICS AND BUSINESS INTELLIGENCE

This unit focuses on features, uses and design strategies for IT-enabled managerial decision support and business intelligence systems and their application to fraud prevention and detection. Model-based, data-based and knowledge-based applications for financial forensics are examined. SAS data analysis, interrogation and mining software is examined.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► AYN454 FORENSIC ACCOUNTING AND INVESTIGATION

This unit provides students with a knowledge of critical factors that contribute to fraud and corporate failure and the forensic examinations thereof. Students develop an understanding of the risks of fraud and corporate failure occurring and an appreciation for the subsequent forensic review and litigation processes that may follow.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN441, AYN404,

AYN426

**Campus:** GP

**Sem:** 1

#### ► AYN455 ELECTRONIC BUSINESS FOUNDATIONS

The impact of the Internet is not just the creation of web-based corporations; it is the development of a new range of organisational methods based on electronic communication technologies. These new methods transcend the barriers of time and distance and take advantage of global markets and opportunities, while opening organisations up to new threats and competition. This unit examines the range of e-business applications being used by organisations and assesses their strengths and limitations.

**Courses:** BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN446, AYN447

**Campus:** GP

**Sem:** 1

#### ► AYN505 DISSECTING FINANCIAL STATEMENTS

This unit is designed to provide students with an in-depth understanding of financial statement analysis. This unit addresses many of the accounting problems and issues faced in an interna-

tional business environment. Issues examined include the following: reviewing, detecting and investigating possible financial statement misrepresentations; revenue recognition; asset valuation; deferment and capitalisation; off-balance sheet activity and liabilities; financial performance indicators; inter-corporate entities and unreported intangibles; earnings management; earnings quality; disclosure; cases of Worldcom, Enron and HIH.

**Courses:** BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

#### ► AYN506 STRATEGIC MANAGEMENT ACCOUNTING

Strategic Management Accounting develops a theory of organisations that provides an understanding of the information requirements of management to facilitate strategic planning, decision-making and control. This unit prepares students for a world of unstructured problem-solving and develops skills in managerial decision-making by the use of current research articles to ascertain how managers can design organisations to motivate individuals to make choices that increase firm value. Topics include the following: the management of control systems; performance evaluation and compensation incentives; transfer pricing. New management accounting practices, activity-based costing, the balanced scorecard, and economic value added, are evaluated, using the latest research.

**Courses:** BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

#### ► AYN507 GOVERNANCE ISSUES IN ACCOUNTING

This unit adopts an accounting perspective to examine issues relating to sound corporate governance, accountability and transparency. Topics covered include the following: the role of the board of directors and board committees; internal control and risk management; audit committees, internal and external audit; duties of directors and management; codes of conduct and ethics; compensation issues; conflict of interest and insider trading.

**Courses:** BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

#### ► AYZ220 COMPANY ACCOUNTING

This unit includes the following: the preparation of consolidated financial statements; an overview of the statutory requirements that dictate the format and content of published financial reports of companies; the requirements of the Corporations Act 2001 and the major disclosure orientated accounting standards; accounting for income tax; accounting for the acquisition of assets (including entities); accounting for investments in associates; accounting for foreign currency transactions arising from international trading and financing; and the translation of the results of foreign operations.

**Courses:** BS57

**Prerequisites:** AYB121

**Contact hours:** 3 per week **Credit points:** 12

#### ► AYZ221 COMPUTERISED ACCOUNTING SYSTEMS

This unit examines the concepts, processes and issues relevant to computerised accounting systems including the following: accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle and payroll cycle; computer fraud, security and crime; accessing accounting information; accounting in an electronic environment. Practical application of these concepts is enhanced by the use of accounting software such as MYOB, spreadsheet software such as Excel, database software such as Access, and interactive multimedia software such as Accounting Information Systems Cycles.

**Courses:** BS57

**Prerequisites:** BSB110, BSB122

**Contact hours:** 3 per week **Credit points:** 12

#### ► AYZ223 LAW OF BUSINESS ASSOCIATIONS

This unit is intended to equip students with a basic understanding and knowledge relevant to the environment of legal entities, particularly corporations. It also seeks to provide students with sufficient basic understanding of the legal structure of business associations to enable them to recognise the appropriate structure for particular commercial situations.

**Courses:** BS57

**Prerequisites:** BSB111

**Contact hours:** 3 per week **Credit points:** 12

#### ► AYZ301 AUDITING

This unit enables students to comprehend the key concepts of auditing as a discipline, to demonstrate the relationship between auditing and the systems of accountability and to demonstrate the differences between manual and EDP audit processes. The unit builds on the knowledge of accounting and accounting standards acquired in prior units by enabling students to understand in detail the audit process (including professional auditing standards and techniques) which leads to the auditor providing an opinion on the financial reports of various types of entities.

**Courses:** BS57

**Prerequisites:** AYZ220

**Contact hours:** 3 per week **Credit points:** 12

#### ► AYZ311 FINANCIAL ACCOUNTING ISSUES

This unit introduces students to the nature of accounting theory and integrates theory with practice to assist in the understanding of major accounting issues. The following topics are addressed: positive and normative theories of accounting; the external reporting framework including international harmonisation and the conceptual framework; definition, recognition and measurement of assets, liabilities, equity, revenues and expenses; asset revaluations; intangibles; financial instruments; leases; employee entitlements. Accounting in specific industries such as general insurers, construction, extractive industries and superannuation funds is also examined. Contracting theory is used throughout to help explain accounting policy choices.

**Courses:** BS57

**Prerequisites:** AYZ220

**Contact hours:** 3 per week **Credit points:** 12

#### ► AYZ321 STRATEGIC MANAGEMENT ACCOUNTING

Strategic management accounting develops a theory of organisations that provides an understanding of the information requirements of management to facilitate the strategic planning, decision-making and control necessary for the achievement of their objectives. Topics include the following: developing effective performance-evaluation systems and compensation plans; examining how managers can design organisations to motivate individuals to make choices that increase firm value; managing transfer-pricing disputes among divisions; developing an understanding of new management accounting practices, including activity-based costing (ABC), the balanced scorecard (BSC), and economic value added (EVA); and appreciating the research on the benefits and problems with ABC, BSC and EVA.

**Courses:** BS57

**Prerequisites:** AYB225

**Contact hours:** 3 per week **Credit points:** 12

#### ► AYZ325 TAXATION LAW

This unit introduces students to the statutory framework of the Australian taxation system. Elements in the determination of taxable income and the levy of income tax are examined including general and specific categories of assessable income and allowable deductions, capital gains tax and administration aspects of the tax system. The taxation of fringe benefits is also examined. The unit concludes with a brief overview of the taxation of partnerships, trusts and companies and the goods and services tax. Emphasis is placed on developing students' skills in problem solving through research and analysis of taxation issues.

**Courses:** BS57

**Prerequisites:** AYZ223

**Contact hours:** 3 per week **Credit points:** 12

#### ► BNB007 PROFESSIONAL STUDIES 1

The unit seeks to introduce students to the concept of professionalism and the core components

of professional practice: social responsibility; personal (interpersonal and cross cultural) responsibility; environmental responsibility; engineering writing; technical presentation; graphics and generic computing skills. The unit provides opportunities to apply understanding to case study scenarios and develop problem based learning skills. It focuses on the roles and responsibilities of engineers and specifically, the engineer as communicator, collaborator and negotiator, in changing national and international contexts.

**Courses:** CE33, CE44, CE45, EE41, EE42, EE48, ME40, ME41, ME42, IF21, IF50, IF59, EE46, EE47

**Contact hours:** 7 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► BNB011 FUNDAMENTALS OF SYNTHETIC ENVIRONMENTS

This unit provides an overview of synthetic environments focusing on their application to design and engineering disciplines as a tool for enhanced communication within a design process. The theory (lecture) component provides an overview of historical and contemporary issues related to Synthetic Environments, whereas the tutorials provide the necessary computer laboratory skills for the creation of a virtual world. Prior knowledge of 3-D CAD is assumed.

**Courses:** BN31, PS73, PS74, PS78, PS79

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► BNB301 FIELD STUDIES IN SUSTAINABLE DEVELOPMENT

This elective is offered across the Faculty of Built Environment and Engineering to provide opportunities for students to deepen their knowledge and experience of the importance of multi-disciplinary collaborations contributing to sustainable development within the design and built environment and engineering fields. Students will travel and engage people with very different cultural beliefs and practices. They will participate in the trans-disciplinary exploration of alternative technologies and development ideologies appropriate to the cultural context. Participation will be at students' own expense Expected costs will be given at the time enrolments are invited. A minimum of 10 enrolments are required for the Field Studies to proceed with a maximum of 20 enrolments.

**Courses:** Elective in BEE courses

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► BNB302-1 SUSTAINABLE DEVELOPMENT PROJECT

This is the first part of the project unit. This unit will give final year students the opportunity to complete a small scale research project. The thesis will enable students to conduct and individually tailor a research project that will enhance their skills. The thesis work will consist of the following: a problem definition; a brief summary literature review; the organisation and execution of a program of investigation; the presentation of a seminar; the presentation of a comprehensive written report (thesis).

**Courses:** IX15

**Prerequisites:** 192 credit points of IX15

**Credit points:** 12

#### ► BNB302-2 SUSTAINABLE DEVELOPMENT PROJECT

This is the second part of the project unit. Please refer to BNB302-1 for full details of the requirements.

**Courses:** IX15

**Prerequisites:** 192 credit points of IX15

**Credit points:** 12

#### ► BSB110 ACCOUNTING

Accounting data is the basis for decision making in any organisation. Accordingly, the aim of this unit is to provide students with a basic level of knowledge of modern financial and managerial accounting theory and practice so that they can understand how accounting data is used to help make decisions in organisations. The unit covers financial procedures and reporting for business entities, analysis and interpretation of financial statements, and planning, control and business decision making.



**Courses:** BS56, ED50, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IX03  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSD110, CTB110  
**Campus:** CA, GP **Sem:** 1, 2, 3

#### ► BSB111 BUSINESS LAW AND ETHICS

This unit integrates the concepts and principles of business law with the theories and applications of business ethics. The unit makes extensive use of cases in law and ethics to develop knowledge and skills that enable students to analyse, apply and evaluate the legal principles and ethical decision-making processes relevant to modern business practice.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IX03  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB120  
**Campus:** GP **Sem:** 1, 2, 3

#### ► BSB113 ECONOMICS

This unit introduces students to the key economic concepts and their practical applications. It comprises twelve topics each focusing on a current economic issue. Microeconomic topics include demand and supply, elasticity, production and cost theory, and market structure. Macroeconomic topics include measuring GDP, inflation and unemployment, money and banking, and fiscal and monetary policy.

**Courses:** BS56, ED50, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IX03  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EPB116 and EPB172, EPB140 and EPB150  
**Campus:** CA, GP **Sem:** 1, 2, 3

#### ► BSB114 GOVERNMENT, BUSINESS AND SOCIETY

This unit provides a basic grounding in the principles, institutions and functions of government and their interactions with business and society. Its principal focus is the structure and key features of Australia's constitutional and government framework including the judicial and administrative processes, especially as they affect business. Students develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This includes consideration of law-making and policy processes and the impact of the changing national and international environment.

**Courses:** BS56, ED50, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IX03  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB694, HUB682, SSB028, BSD114, EPB124, MNB181, AD3049  
**Campus:** CA, GP **Sem:** 1, 2, 3

#### ► BSB115 MANAGEMENT, PEOPLE AND ORGANISATIONS

The unit provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that are needed in all areas of management and in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international environment where the emphasis will be on knowledge, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.

**Courses:** BS56, ED50, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IX03, LS50, ME36  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSB102, BSD115, CTB115, MNB351, MNB412, AD3048, CTB115  
**Campus:** CA, GP **Sem:** 1, 2, 3

#### ► BSB119 INTERNATIONAL AND ELECTRONIC BUSINESS

This unit integrates two rapidly expanding areas of business studies: international business and e-business. Doing business across international borders is facilitated by e-business technologies. This unit explores the nature and models of international business and e-business, and how e-business technologies facilitate international business and add value to the business. It develops the skills and understanding to identify and respond to the opportunities, challenges and risks

of conducting business across politically, economically and culturally diverse environments.

**Courses:** BS56, ED50, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IX03, LS50

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSB116, BSB112  
**Campus:** CA, GP **Sem:** 1, 2, 3

#### ► BSB122 QUANTITATIVE ANALYSIS AND FINANCE

To maintain the competitiveness of, and add value to, an organisation, today's managers have to make critical business and financial decisions. This unit is a preliminary study of the techniques for analysing business information, and will provide students with a framework for understanding the fundamentals of business and financial decision making. Topics include the following: the basic techniques of organising and analysing data; the application of probability and probability distributions; understanding a firm's investing, financing and dividend decisions; the three main ideas underpinning financial decisions (time value of money, diversification, and arbitrage).

**Courses:** BS56, ED50, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IX03, ME41  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSB117  
**Campus:** CA, GP **Sem:** 1, 2, 3

#### ► BSB126 MARKETING

This introductory subject examines the role and importance of marketing to the contemporary organisation. Emphasis is placed on understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, management information systems, and consumer behaviour. The unit explores the various elements of the marketing mix, with special reference to product, price, distribution, and promotion, including advertising and public relations. By way of introduction only, key issues relating to services marketing, e-marketing and strategic marketing are also canvassed.

**Courses:** BS56, ED50, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IX03, LS50  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB116, CTB126  
**Campus:** CA, GP **Sem:** 1, 2, 3

#### ► BSB212 ELECTRONIC BUSINESS APPLICATIONS

This unit looks at the ways in which organisations adopt and use various Electronic Business applications in areas of e-commerce, business-to-consumer, business-to-business and intra-business relations. Business models and their impact in various industries are analysed, enabling students to assess the underlying business case, and determine the model's viability in a competitive environment. The issues associated with front-end and back-end applications associated with e-Business are considered.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB112 or BSB119 or equivalent  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AYB333, CTB212  
**Campus:** GP **Sem:** 1

#### ► BSB213 LEGAL ISSUES IN ELECTRONIC BUSINESS

This unit introduces students with no formal studies in law to legal issues associated with electronic business (e-business). The main principles of legal issues and how they might be identified and managed by the use of compliance programs are analysed, as are the ways in which e-business professionals identify the key legal, governance and ethical issues associated with their e-business operations. Legal, jurisdictional and enforcement issues that arise with international e-business transactions are also considered.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB111, BSB119 or 96 credit points of approved study

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYB120, AYB332, CTB213

**Campus:** GP

**Sem:** 2

#### ► BSB310 BUSINESS AND BIOTECHNOLOGY

This unit develops business skills that will enhance the ability of those operating within biotechnology firms to capitalise on their research and development efforts. In essence, this unit provides the skills-based mechanisms to develop graduates who are effective catalysts in recognising, developing and commercialising opportunities in Biotechnology.

**Courses:** LS50 **Prerequisites:** MGB218  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► BSB311 RESEARCH, DEVELOPMENT AND COMMERCIALISATION STRATEGIES

Students study strategies and approaches used in industry and government organisations for the research, development and commercialisation of biotechnology innovations. The unit offers the opportunity to read widely as well as in depth about the commercialisation of molecular biology and biotechnology research. Theoretical concepts are integrated with prepared case studies prior to guest speaker seminars.

**Courses:** LS50 **Prerequisites:** BSB310  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► BSB314 E-BUSINESS INTELLIGENCE

This unit looks at corporate strategic decisions and the information technology decision support systems and e-business intelligence needed to support management in this process. Group and enterprise IT decisions systems, data warehousing and corporate portals will be examined together with e-business intelligence applications. SAS software skills for decision support and data mining and visualisation will be covered. An introduction to advanced intelligent systems, artificial intelligence and knowledge based support systems will also form part of the unit.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB212  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► BSD110 ACCOUNTING

Accounting data is the basis for decision making in any organisation. Accordingly, the aim of this unit is to provide students with some basic knowledge of modern financial and managerial accounting theory and practice so that they can understand how accounting data is used to help make decisions in organisations. The unit covers financial procedures and reporting for business entities, and the analysis and interpretation of financial statements for planning, control and business decision making purposes.

**Courses:** BS40, IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB110  
**Campus:** KG **Sem:** 1, 2, 3

#### ► BSD113 ECONOMICS

This unit introduces students to the key economic concepts and their practical applications. It comprises 12 topics each focusing on a current economic issue. Microeconomic topics include demand and supply, elasticity, production and cost theory and market structure. Macroeconomic topics include measuring GDP, inflation and unemployment, money and banking, and fiscal and monetary policy.

**Courses:** BS40, IF06  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB113  
**Campus:** KG **Sem:** 1, 2, 3

#### ► BSD114 GOVERNMENT, BUSINESS AND SOCIETY

This unit provides a basic grounding in the principles, institutions and functions of government, and their interactions with business and society. Its principal focus is the structure and key features of Australia's constitutional and governmental framework including the judicial and administrative processes, especially as they affect

business. Students also develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This includes consideration of law-making and policy processes and the impact of the changing national and international environment.

**Courses:** BS40, IF06

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB114 **Campus:** KG

#### ► BSD115 MANAGEMENT, PEOPLE AND ORGANISATIONS

The unit provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that will be needed at all areas of management and in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international environment where the emphasis will be on knowledge, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.

**Courses:** BS40, IF06

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB115 **Campus:** KG **Sem:** 1, 2, 3

#### ► BSD119 INTERNATIONAL AND ELECTRONIC BUSINESS

This unit integrates two rapidly expanding areas of business studies: international business and e-business. Doing business across international borders is facilitated by e-business technologies. This unit explores the nature and models of international business and e-business and how e-business technologies facilitate international business and add value to the business. It develops the skills and understanding to identify and respond to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse country environments.

**Courses:** BS40, IF06

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB119 **Campus:** KG **Sem:** 1, 2, 3

#### ► BSD122 QUANTITATIVE ANALYSIS AND FINANCE

To maintain the competitiveness of, and add value to, an organisation, today's managers have to make critical business and financial decisions. This unit is a preliminary study of the techniques for analysing business information, and will provide you with a framework for understanding the fundamentals of business and financial decision making. Topics include the following: the basic techniques of organising and analysing data; application of probability and probability distributions; understanding a firm's investing, financing and dividend decisions; the three main ideas underpinning financial decisions (time value of money, diversification and arbitrage).

**Courses:** BS40, IF06

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

#### ► BSD126 MARKETING

This introductory unit examines the role and importance of marketing to the contemporary organisation. Emphasis is given to understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, management information systems, and consumer behaviour. The unit explores the various elements of the marketing mix, with special reference to product, price, distribution, promotion including advertising and public relations. By way of introduction only, key issues relating to services marketing, e-marketing and strategic marketing are also canvassed.

**Courses:** BS40, IF06

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** BSB126 **Campus:** KG **Sem:** 1, 2, 3

#### ► BSN404 PROJECT 1

This unit is designed to permit the student to undertake a research project, subject to the approval of the course coordinator.

**Courses:** BS93

**Credit points:** 12

**Incompatible with:** MKN101, MKN102, MKN103

**Campus:** GP

#### ► BSN405 PROJECT 2

This unit is designed to permit the student to undertake a research project, subject to the approval of the course coordinator.

**Courses:** BS93

**Credit points:** 12

**Incompatible with:** MKN101, MKN102, MKN104

**Campus:** GP

#### ► BSN406 PROJECT 3

For this project, students undertake a detailed examination of a theoretical or empirical problem in one of the disciplines of advertising, marketing, public relations, or integrated marketing communication. The study is based on the published journal literature of the discipline and can involve primary research and analysis. Students develop a short empirical research study, refine a theoretical problem, develop a communication audit of an organisation or develop a case study related to an organisation or product. Project supervision is arranged by the unit coordinator through consultation with the student and available staff members.

**Courses:** BS93

**Prerequisites:** 96 credit points of approved prior study

**Credit points:** 24

**Incompatible with:** CON405, AMN411

**Campus:** GP

#### ► BSN409 RESEARCH PROJECT

This is to produce a major piece of applied research. The research project provides the opportunity to apply and reinforce the education and knowledge gained from the course by research report, case study or application of technology. The final project must demonstrate an ability to identify and research a complex business problem in accountancy or banking and finance or a related discipline.

**Courses:** BS93

**Prerequisites:** BSN506 or BSN507

**Credit points:** 24

**Campus:** GP

**Sem:** 2

#### ► BSN412 QUALITATIVE RESEARCH AND ANALYTICAL TECHNIQUES

This unit provides a detailed overview of qualitative research to support decision-making in business disciplines. The primary purpose of this unit is to develop a detailed understanding of the theoretical contexts in which field studies and qualitative research methods have developed, and the techniques that define the approach. Students develop the ability to analyse, conduct, and evaluate qualitative research in discipline areas related to business. The unit provides a basic preparation for the development of a project, thesis or dissertation proposal based on the use of qualitative research.

**Courses:** BS63, BS92, BS93, GS48, GS76, GS97, IF94, IF96

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CON500

**Campus:** GP

#### ► BSN501 DISSERTATION

Students undertake a study of an issue as the culmination of their honours program. The dissertation must have a well-developed conceptual foundation and include a primary research component.

**Courses:** BS63, BS93, GS48, GS76, GS97

**Credit points:** 48

**Campus:** GP

**Sem:** 1, 2

#### ► BSN502 RESEARCH METHODOLOGY

The purpose of this study is to provide students with a range of ideas and methods that enables them to analyse, evaluate and conduct research in discipline areas related to business. It provides an essential and basic preparation for the development of a thesis or dissertation proposal. Areas of study include research paradigms, analysis and criticism, research design, data collection, and data manipulation, interpretation and presentation.

**Courses:** BS63, BS92, GS48, GS76, GS97

**Contact hours:** Flexible Mode

**Credit points:** 12

**Incompatible with:** BSB400

**Campus:** GP

**Sem:** 1

#### ► BSN503 RESEARCH SEMINAR

In this unit, the students prepare detailed literature reviews relevant to their thesis or dissertation proposal. Students are required to prepare and present a detailed seminar paper describing and explaining the results of their review and its relevance to the thesis or dissertation proposal. The unit is in two parts: the first provides a series of lectures from staff advising as to the requirements of a thorough, well-directed literature search and review; the second consists of a series of seminars from students presenting their findings.

**Courses:** BS63, BS92

**Contact hours:** Flexible Mode

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► BSN506 ECONOMETRIC METHODS

This unit provides a comprehensive grounding in the econometric methods necessary for conducting research using such methods. Recent contributions to the econometric literature are studied.

**Courses:** BS93, GS40, GS48, GS75, GS76, GS85, GS97

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSN500

**Campus:** GP

**Sem:** 1

#### ► BSN507 RESEARCH METHODS

The subject provides an introduction to the methodology of social research. The unit begins with a consideration of some different views from the philosophy of science about what constitutes the appropriate way to do social research. This part of the unit includes some common sense issues about how to conduct practical research projects. The unit then focuses on quantitative research methods. Questions of design, measurement, techniques and analysis are covered. Qualitative as well as quantitative research issues are considered. The unit also includes coverage of some ethical and political issues in social research.

**Courses:** BS63, BS92, BS93, IF49

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN102, BSN500

**Campus:** GP

**Sem:** 1

#### ► BSN600 THESIS

This is the major component of a research Masters and consists of a substantial study of an applied or theoretical issue. Students are expected to present a seminar each semester on their progress to date and, in the final semester, on the outcomes of their study. The thesis is expected to have a sound conceptual and theoretical foundation for the exploration of a significant communication topic using primary research data. The thesis report should be of approximately 50 000 words.

**Courses:** BS92

**Credit points:** 96

**Campus:** GP

**Sem:** 1, 2

#### ► BSZ114 GOVERNMENT, BUSINESS AND SOCIETY

This unit provides a basic grounding in the principles, institutions and functions of government and their interactions with business and society. Its principal focus is the structure and key features of Australia's constitutional and government framework including the judicial and administrative processes, especially as they affect business. Students develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This includes consideration of law-making and policy processes and the impact of the changing national and international environment.

**Courses:** BS57

**Contact hours:** 3 per week **Credit points:** 12

#### ► BSZ119 INTERNATIONAL & ELECTRONIC BUSINESS

This unit integrates two rapidly expanding areas of business studies: international business and e-business. Doing business across international borders is facilitated by e-business technologies. This unit explores the nature and models of inter-

national business and e-business, and how e-business technologies facilitate international business and add value to the business. It develops the skills and understanding to identify and respond to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse environments.

**Courses:** BS57

**Contact hours:** 3 per week **Credit points:** 12

#### ► BSZ126 MARKETING

This introductory subject examines the role and importance of marketing to the contemporary organisation. Emphasis is on understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, management information systems and consumer behaviour. The unit explores the various elements of the marketing mix, with special reference to product, price, distribution, and promotion, including advertising and public relations. By way of introduction only, key issues relating to services marketing, e-marketing and strategic marketing are also canvassed.

**Courses:** BS57

**Contact hours:** 3 per week **Credit points:** 12

#### ► CEB109 ENGINEERING MECHANICS 1

This unit includes the following: introduction to statics, forces, moments and couples; resolution and resultant of forces acting on a particle or rigid body; equilibrium of particle or rigid body under forces and/or moments; analytical methods for plane truss analysis; shear force and bending moment in beams; the properties of sections. Dynamics is included for electrical engineering students.

**Courses:** CE44, CE45, CE46, EE41, EE42, EE44, EE45, EE48, ME36, ME40, ME41, ME42, ME43, ME45, ME48

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► CEB110 ENGINEERING MECHANICS 2

This unit includes the following: principles of structural mechanics, stress, strain and elasticity; second movement of area; indeterminate structures and compatibility; simple beam theory including the flexure formula and the shear stress formula; shear force and bending moment diagrams; hydrostatics, stress and strain transformation; mohr circlebeam deflections (virtual work); geomechanics applications of 2D stresses; buckling.

**Courses:** CE44, CE45, CE46

**Prerequisites:** CEB109

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2, 3

#### ► CEB207 PROFESSIONAL STUDIES 2 (TIMBER STRUCTURES & EARTHWORKS)

In this unit, students develop and define a problem statement and are encouraged to develop their own creative solutions through the semester. This introduces students to aspects of project work and prepares them for their professional lives. Architectural and project issues include aesthetics, fitness for purpose, and constructability. Geotechnical issues include site investigation, earthworks and compaction, and site investigation. Structural issues include design, loads, load paths, load factors, strength factors, time dependent loads, structural capacity and stability, rules of thumb, structural timber, material selection, and basic surveying principles.

**Courses:** CE44, CE45, CE46

**Prerequisites:** CEB110, BNB007

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► CEB208 MATERIALS SCIENCE

The unit provides students with a sound and practical approach to material properties and selection so that they may adapt to scientific and technological changes in the variety of products entering the market. They understand where the engineer fits in a quality assurance program and become aware of the numerous components of quality assurance and the costs generated by quality control and assurance. Students become aware of the effect of the working environment on different engineering materials. Among other things, they study the behaviour of concrete from

the time it is manufactured to the end of its life, and develop knowledge of the parameters involved in manufacturing good concrete and the consequences of delivering poor concrete.

**Courses:** CE44, CE45, CE35

**Prerequisites:** MMB131

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► CEB209 GEOTECHNICAL ENGINEERING 1

Soil mechanics is a part of geotechnical engineering, soil types, their description, classification and engineering properties. The unit includes the following: granular and cohesive soil classification systems; volume and mass components; density and air voids; determination of soil geostatic vertical pressures; pore water pressures and effective stress; permeability theory and fluid seepage in soil, with erosion and piping analysis; soil shear strength assessment and application to retaining wall lateral pressures; retaining wall design, slope stability analysis and stabilisation. Computer simulation and analysis programs are used where appropriate.

**Courses:** CE44, CE45, CE35

**Prerequisites:** CEB110

**Corequisites:** CEB207

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► CEB213 ENVIRONMENTAL SCIENCE

This unit is designed to provide students with the fundamental understanding of how the earth's physical and environmental systems normally function and the challenges imposed on the environment as a result of human activity. This understanding is developed through the study of relevant principles of physical geology, ecology, chemistry, microbiology, energy, resources, pollution, and the interaction among population, resources and the environment. The unit also prepares students to undertake further studies in civil and environmental engineering.

**Courses:** CE44, CE45, CE46, CE35

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► CEB214 PROFESSIONAL STUDIES 3 (ENVIRONMENTAL & TRANSPORT)

The knowledge and skills associated with assessing, investigating, and managing the economic, social and environmental impacts of developmental projects are essential for today's civil and environmental engineers. So too is an appreciation of the skills needed to work with and communicate with interdisciplinary teams to develop balanced solutions to environmental problems associated with development. This unit of the Professional Studies strand develops students' abilities to practise in a civil engineering project environment.

**Courses:** CE44, CE45, CE35

**Prerequisites:** CEB207, CEB213

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEB215 STRUCTURAL ENGINEERING 1

This unit includes the following: development of the method of moment distribution and its application in analysis of continuous beams and frames; theory of influence lines and its application to determine the effects of moving loads on beams and trusses; 'pattern loading' on frames and continuous beams; the behaviour of reinforced concrete members; applications in the design of beams and columns.

**Courses:** CE44, CE45, CE46, CE35

**Prerequisites:** CEB207, CEB208, CEB110

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEB216 PROJECT ENGINEERING 1

The unit commences with the development of the construction techniques common to site investigation, earthworks, pile driving, deep foundations, reinforced and prestressed concrete and steel erection. This operational understanding is extended into a study of the practices used to estimate cost and to administer contracts, including planning and the legal implications of operating in a commercial environment. The unit concludes with the issues surrounding the uncer-

tainty of weather and of operating in remote environs.

**Courses:** CE44, CE45

**Prerequisites:** CEB208, CEB207

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEB217 HYDRAULIC ENGINEERING 1

This unit includes the following: units and properties of fluids; pressure and pressure measurement; forces in static fluids, buoyancy and accelerating fluids; kinematics, continuity and flow nets; the energy equation; the momentum equation; experimental fluid mechanics; lift and drag; fluid flow in pipes and the application of pipe resistance formulae; fitting losses; pipes in series and parallel; pipe network analysis; hydraulic analysis of pump and pipe systems; pump types, characteristics and selection.

**Courses:** CE44, CE45, CE46, CE35

**Prerequisites:** CEB109, MAB131

**Contact hours:** 4 per week **Credit points:** 12

**Sem:** 2

#### ► CEB218 GEOTECHNICAL ENGINEERING 1A

Soil mechanics is a part of geotechnical engineering and includes a study of the following: soil types, their description, classification and engineering properties; granular and cohesive soil classification systems; volume and mass components; density and air voids; determination of soil geostatic vertical pressures; pore water pressures and effective stress; permeability theory and fluid seepage in soil, with erosion and piping analysis; soil shear strength assessment and application to retaining wall lateral pressures; retaining wall design, slope stability analysis and stabilisation. Computer simulation and analysis programs are used where appropriate.

**Courses:** CE35

**Prerequisites:** CEB110

**Corequisites:** CEB207

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► CEB219 STRUCTURAL ENGINEERING 1A

This unit includes the following: moment distribution; statically indeterminate structures; continuous beams and simple frames; moving loads on structures such as bridges and crane girders; influence line diagrams; 'pattern loads' in statically indeterminate structures fundamentals of reinforced concrete analysis and design and its behaviour in bending, shear and carrying axial loads; analysis and design of beams, slabs and columns.

**Courses:** CE35, CE44, CE45, CE46

**Prerequisites:** CEB207, CEB208, CEB110

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEB222 HYDRAULIC ENGINEERING 1A

This unit includes the following: units and properties of fluids; pressure and pressure measurement; forces in static fluids, buoyancy and accelerating fluids; kinematics, continuity and flow nets; the energy equation; the momentum equation; experimental fluid mechanics; lift and drag; fluid flow in pipes and the application of pipe resistance formulae; fitting losses; pipes in series and parallel; pipe network analysis; hydraulic analysis of pump and pipe systems; pump types, characteristics and selection.

**Courses:** CE35

**Prerequisites:** CEB109, MAB131

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEB230 ENGINEERING MATERIALS AND THE ENVIRONMENT

This unit provides information about engineering materials required before they are applied in the design context. The course begins with an in-depth presentation of the material properties and their application of civil engineering projects. An engineer requires in-depth knowledge of the concepts and principles involved but also the ability to apply them in real life. An emphasis on environmental implication is discussed as part of the requirements.

**Courses:** CE46

**Prerequisites:** MMB131

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► CEB232 GEOTECHNICAL ENGINEERING 1 AND THE ENVIRONMENT

Geomechanics (soil mechanics and rock mechanics) and its application to geotechnical engineering is one of the most important areas of study for civil engineers. It is concerned with the use of soil and/or rock as an engineering material and includes a wide range of activities: site investigation and design for building, bridge and other foundations; materials selection, design and construction control for dams, road pavements and embankments; landslide stabilisation and tunnel excavation and support. The course emphasises environmental issues such as acid sulfate soils and their effects on geotechnical designs, landfill leachate control and how they impact on the design of landfills.

**Courses:** CE46

**Prerequisites:** CEB110

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► CEB233 ENVIRONMENTAL PROFESSIONAL STUDIES 3 (IMPACTS OF PROJECTS AND SUSTAINABLE DEVELOPMENT)

The knowledge and skills associated with assessing, investigating, and managing the social and environmental impacts of developmental projects are essential for today's civil and environmental engineers. Environmental engineers need to be trained to conduct and manage investigative studies related to assessing air, water, soil, and noise pollution, and to understand and address the social implications. They also need the breadth of studies required to work and communicate with interdisciplinary teams designing balanced solutions to environmental problems associated with development. This unit addresses these needs.

**Courses:** CE46

**Prerequisites:** CEB213

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► CEB259 ENGINEERING DESIGN FOR LAND DEVELOPMENT

This unit introduces the student to the basic civil engineering design processes and procedures associated with the development of subdivided urban/rural land for residential, industrial or commercial purposes. The unit covers the following: subdivisional road design types; hierarchy, longitudinal and cross sections, earthworks; stormwater design, basic urban hydrology, catchment properties, rational formula, pipe/gully parameters, pipe and open channel flows; water reticulation system features; sewer reticulation system features and basic design procedures. Modern trends in the above (including sustainability considerations) together with the general construction procedures and basic costings are introduced.

**Courses:** PS47, PS48

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► CEB317 PROFESSIONAL STUDIES 4 (PROJECT DOCUMENTATION & ROADS)

Civil engineers as professionals are responsible for the delivery of major transport infrastructure items through the stages of inception, planning, design, development, maintenance and management. The purpose of such projects is to improve the quality of life of the community by offering safe and efficient access to activity locations and mobility between locations. In delivering such infrastructure, social, economic, and environmental impacts and benefits are considered and addressed. This unit offers students an opportunity to explore the role of the civil engineer in the preparation of a feasibility design study for a road as a major transport infrastructure item.

**Courses:** CE44, CE45, CE46

**Prerequisites:** CEB207, CEB214, BNB007

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► CEB318 STRUCTURAL ENGINEERING 2

This unit considers the following: limit states design of steel structures; buckling and ultimate strength behaviour of steel structures; tension members; compression members; local and global buckling (flexural and flexural torsional buckling modes) concepts as applied to compression members and beams; effective lengths of compression members and beams; design of beams; effect of lateral restraints on buckling; web stresses including web crippling and buckling; beam-columns; bolted and welded connections; unsymmetric bending of beams including principal second moments of area; shear stresses in beams of thin-walled open cross-sections and their shear centres. Most cold-formed steel sections are unsymmetric and hence the latter topics are useful in steel design.

**Courses:** CE44, CE45

**Prerequisites:** CEB207, CEB110

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► CEB319 WATER ENGINEERING

The main topics to be covered in this unit follow: the hydrologic cycle and its application to the estimation of runoff from small catchments; probability and risk and the selection of design floods; hydrologic data; estimation of peak runoff using the Rational Formula estimation of runoff hydrographs using rainfall-runoff routing models; the hydraulic characteristics of open channels; uniform flow, gradually varied flow and rapidly varied flow; the hydraulic characteristics of culverts and retention basins; the operation of urban drainage systems.

**Courses:** CE44, CE45, CE46

**Prerequisites:** CEB217

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► CEB321 WATER AND WASTEWATER TREATMENT

The provision of a safe, wholesome and adequate supply of water and the proper treatment, disposal, and reuse of wastewater are essential for protecting human health and well-being. Water and wastewater treatment are required for the control of water-borne diseases and the provision of proper sanitation for urban, rural, and recreational areas. Water and wastewater treatment engineering is a major field of civil and environmental engineering and is manifested by sound principles and practice in terms of solving sanitation problems.

**Courses:** CE44, CE45, CE46

**Prerequisites:** CEB213, CEB217

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► CEB322 GEOTECHNICAL ENGINEERING 2

This unit includes further study on the behaviour of soil and rocks: determination of subsurface pressures from surface loadings; soil settlement including time related clay consolidation settlement and immediate settlements on sand and clay as related to shallow foundations; assessment of bearing capacity and allowable bearing pressures under shallow foundations; pile foundation systems and analysis for capacity and settlement; rock mass behaviour, classification and joint shear strength applied to slope stability assessment and stabilisation measures.

**Courses:** CE44, CE45, CE46

**Prerequisites:** CEB209

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► CEB323 TRANSPORT ENGINEERING 1

The transport system is an essential part of our physical infrastructure. It is imperative that civil engineers are able to undertake typical road and traffic engineering investigations, analyses and designs. These require an understanding of the intent of individual road system elements, how they operate, and how they are delivered and managed; this understanding are developed in this unit. Further, it is important that civil engineers are able to undertake multi-modal transport surveys to gain an understanding of the operation of a particular transport system.

**Courses:** CE44, CE45

**Prerequisites:** CEB317

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► CEB328 INVESTIGATION PROJECT

This unit gives the student the opportunity to gather a body of information relating to a selected topic from the available literature, and to reach conclusions by critical analysis of this material. The investigation may include analysis and experimental work. The results will be presented as a written report supported by a seminar presentation.

**Courses:** CE35

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

### ► CEB329 PROFESSIONAL STUDIES 5 (STEEL DESIGN & CONSTRUCTION)

This unit includes the study of steelwork: design and construction; structural systems; load paths; rules of thumb; building layout, function and form; cladding; element and wind loading evaluation; idealisation, analysis, design action effects; space gas; columns and rafters; trusses and bracing; connections; knee ridges; base plate design; procurement and fabrication; scheduling and erection.

**Courses:** CE44

**Prerequisites:** CEB207, CEB208, CEB215, CEB318

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► CEB330 ENVIRONMENTAL MANAGEMENT FOR ENGINEERS

This unit is designed to help students identify and develop the skills required in the role of the environmental engineer and specifically, the engineer as a project manager. This may involve making decisions to direct and manage the environmental aspects of a major project. This unit aims to help develop and encourage life long learning throughout a career as an environmental engineer.

**Courses:** CE46

**Prerequisites:** CEB233

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► CEB411 THESIS PROJECT A

Thesis A is a written report of the literature on an area of civil engineering practice where research and development has been undertaken and reported. Students demonstrate skills in problem definition, work planning, critical analysis of the study material, information retrieval, and appropriate citation procedures. Report writing and seminar presentation is a major feature. Guided instruction and exercises are given on information retrieval and bibliographic listing and citation.

**Courses:** CE44, CE45

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

### ► CEB412 PROJECT ENGINEERING 2

The unit builds on the understanding of the physical aspect of construction gained in Project Engineering 1 to develop the skills needed to manage a project. Further studies in estimating, contracts administration and cost control provide support for a major computer simulation exercise based on the construction management of a complex industrial project. This experiential component provides a framework for the exploration of issues in the legal, managerial and technical areas which form the basis for the professional presentations that conclude the unit.

**Courses:** CE44, CE45

**Prerequisites:** CEB216, CEB317

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► CEB413 STRUCTURAL ENGINEERING 3

This unit includes the following advanced structural engineering topics: 'Space Gas', 'Microstan', the stiffness method. This method is developed and illustrated by application to some structures. Plastic analysis and the concept of plastic hinge are introduced and applied. Basic structural dynamics is introduced and some simple illustra-

tive examples are provided. Principles of earthquake engineering, aesthetics in bridge design, load paths in structures, and approximate methods in the analysis of complex structures are treated.

**Courses:** CE44, CE45

**Prerequisites:** CEB215, CEB318

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► CEB415 THESIS PROJECT B

Thesis B is an optional elective and extension of Thesis A CEB411. Various avenues of investigation will have been identified from Thesis A and students undertake a program of investigation which may have experimental, design and analysis aspects. A written report with critical analysis of results and conclusions is prepared, and a seminar presented.

**Courses:** CE44, CE43, IF50

**Credit points:** 12 **Sem:** 2  
**Campus:** GP

#### ► CEB416 ENVIRONMENTAL LAW AND ASSESSMENT

The adverse consequences of human activity have resulted in the adoption of various international treaties, enactment of stringent legislative requirements, and a growing demand for improved management practices. Engineers need to be aware of the way in which the law works, to be able to communicate with lawyers, and to recognise the legal and political implications of their projects. An understanding of the local, state, and federal governments' power to regulate development and the legal and planning requirements and assessment procedures is essential for professional engineering practice.

**Courses:** CE44, CE43, IF50

**Credit points:** 12 **Sem:** 1  
**Campus:** GP

#### ► CEB418 WASTE RESOURCE MANAGEMENT

This unit addresses management of solids and hazardous wastes generated from domestic, commercial, and industrial sources. It includes the following: waste minimisation; promotion of efficient use of resources; promotion of the use of waste through recycling and energy production; viewing waste as a resource; reducing the mass, volume and toxicity of the waste; disposing of waste in a socially and environmentally acceptable manner; waste avoidance; recycling; energy production; treatment; disposal. Waste management is an important aspect of civil and environmental engineering education.

**Courses:** CE44, CE43, IF42

**Credit points:** 12 **Sem:** 2  
**Campus:** GP

#### ► CEB419 ENVIRONMENTAL TRANSPORT & INFRASTRUCTURE MANAGEMENT

The environmental engineer must be familiar with the role of each transport mode in the overall transport task, along with current issues associated with each mode. This must be overarched by an understanding of the system for planning and management of transport projects and systems, particularly in context with economic, environmental and social attributes. This final year core unit provides students who wish to pursue a career in environmental engineering with an understanding of these areas. The unit also includes case studies covering the environmental impacts for some of the urban and rural transport and infrastructure projects especially in the area of community consultation.

**Courses:** CE46

**Prerequisites:** CEB214, CEB323

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► CEB420 ENVIRONMENTAL THESIS PROJECT A

Professional engineers must be able to define and solve problems in areas which are not covered in textbooks and manuals of good practice. Research and development work is required to assess critically the available information and to plan and carry out a program of investigation. This subject helps students develop the skills required for this type of work.

**Courses:** CE46

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► CEB424 PROFESSIONAL STUDIES 6 (CONCRETE STRUCTURES & GEOTECHNICAL ENGINEERING)

This unit includes studies of concrete: design and construction; roles of building professionals; design; current structures; structural systems, load paths, rules of thumb; building layout, function and form; design effects; seismic and element loads; structural element loading; formwork and placement constraints; reinforced and prestressed concrete slabs, beams, and columns; architectural changes; connections and detailing; footings and foundations; bar scheduling.

**Courses:** CE44

**Credit points:** 12 **Sem:** 1  
**Campus:** GP

#### ► CEB425 PROFESSIONAL STUDIES 7 (CIVIL DESIGN PROJECT)

In their design project, students should consider a selection of the following: development planning and design; site location; layout; characteristics; client requirements; timetable; consultancy project planning and costing; development style; site civil design; transport impact assessment; network; SIDRA; trip generation; impact mitigation; intersection design; parking; site storm water design; wastewater treatment design; environmental geotechnical design; contaminated ground; slope stability.

**Courses:** CE44

**Credit points:** 12 **Sem:** 2  
**Campus:** GP

#### ► CEB426 ENVIRONMENTAL PROFESSIONAL STUDIES (CIVIL PROJECT)

Students should consider the following in their civil project: development planning and design; site location; layout; characteristics; client requirements; timetable; consultancy project planning and costing; development style; site civil design; transport impact assessment; network; SIDRA; trip generation; impact mitigation; intersection design; parking; site storm water design; wastewater treatment design; environmental geotechnical design; contaminated ground; slope stability.

**Courses:** CE44, CE46

**Credit points:** 12 **Sem:** 2  
**Campus:** GP

#### ► CEB507 FINITE ELEMENT METHODS

The Finite Element Method is the 20th century's solution for treating complex problems, which had hitherto remained impossible to solve, in several areas of engineering such as structural, geotechnical, hydraulic, electrical, heat conduction, etc. For example the displacements and stresses in dams, deep beams with openings, shell structures, soil-anchors, etc, can be obtained only by finite element analysis. Basic theory and some of the important features of the method, engineering actions, modelling, choice of elements, boundary conditions, input data and interpretation of results are included in this unit.

**Courses:** CE44, CE45

**Prerequisites:** CEB413

**Credit points:** 12 **Sem:** 1  
**Campus:** GP

#### ► CEB508 TRANSPORT ENGINEERING 1

This is a final year elective unit to prepare students for a career in transportation engineering, and to provide them with an understanding of the analytical processes involved in urban transport planning. It covers all transport modes and places emphasis on the planning and evaluation of transport systems. The unit is designed to highlight the economic, environmental and social impacts of transportation projects. The unit complements CEB323 Transport Engineering 1, by dealing in-depth with urban transportation planning and evaluation.

**Courses:** CE44, CE45

**Prerequisites:** CEB323

**Credit points:** 12 **Sem:** 1  
**Campus:** GP

#### ► CEB509 PROJECT MANAGEMENT AND ADMINISTRATION

This unit introduces some of the issues relating to the management of construction projects from both practical and theoretical points of view. Topics covered include the following: leadership and management of organisations and people; planning a project; engaging consultants, subcontractors and suppliers; co-ordination of project activities; cost control and claims; legal and insurance issues; Information Technology issues; written and oral communication skills; problem solving, and managing and preventing disputes. Assessment is practical and progressive during the semester, and includes a final examination.

**Courses:** CE44, CE43

**Prerequisites:** CEB216, CEB412

**Credit points:** 12 **Sem:** 1  
**Campus:** GP

#### ► CEB513 ADVANCED CONSTRUCTION PRACTICE

Professional engineers generally work in a highly stressed commercial environment with competing pressures. A student in final year should be exposed to realistic experiences. This subject integrates what has already been taught in the specific civil engineering disciplines and requires the student to prepare and submit a commercial tender for a construction project. Teams of students competitively bid for the project. In addition, relevant legal and commercial issues associated with the tender and subsequent administration of the particular construction contract are covered so that the student appreciates the realities associated with a construction project.

**Courses:** CE44, CE45

**Prerequisites:** CEB216

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► CEB514 PROJECT CONTROL

Contemporary engineering demands that the practising engineer needs to master not only basic design and construction concepts but also current management practices. Engineers, whether they are in construction, design or maintenance need to understand the effect that economic decisions made at federal and state level have on their organisations. They must also realise that everyone has a different leadership style that all must be fitted into the organisation's management structure. The subject is designed to provide an insight into the requirements, precepts and problems of project management of interdisciplinary projects.

**Courses:** CE44, CE45,

**Credit points:** 12 **Sem:** 2  
**Campus:** GP

#### ► CEB516 MASONRY DESIGN

A structural engineer must have the ability to analyse and design engineering components and systems which use masonry as load bearing and in-fill non-structural panels. This course develops a basic understanding of Masonry Technology and Design using the Australian Standard 3700. It provides an understanding of the differences in the material properties of clay, concrete, calcium silicate bricks and blocks. This unit also provides an understanding of workmanship, site practices and construction details of masonry. Students develop the design skills needed for the design of masonry walls, reinforced or un-reinforced and discuss the difference in design procedures for the different masonry materials.

**Courses:** CE42, CE43, IF42

**Credit points:** 12 **Sem:** 2  
**Campus:** GP

#### ► CEB517 ADVANCED ENGINEERING STUDIES

This unit provides an opportunity for students to learn how practicing engineers design cold-formed steel and composite structures. The course has the following aims: to develop an understanding of the design process and how it interacts with the fundamental knowledge of materials and structural analysis; to utilise advanced computer tools for analysis and design; to work as part of a design team; to present written reports. Students in groups of two will participate

in projects to analyse and design cold-formed steel and composite structures.

**Courses:** CE44 CE45

**Credit points:** 12

**Sem:** 1

#### ► CEB518 RIVER AND COASTAL ENGINEERING

Many civil engineers are involved in the analysis and design of engineering works in the river and coastal environment. An understanding of the physical processes taking place is a fundamental requirement if engineers are to take an active role in the management of this dynamic environment. This unit builds on the fundamental principles of fluid behaviour covered in Hydraulic Engineering CEB217 and Water Engineering CEB319 and extends these principles to the river and coastal environment. It relies on a prior understanding of physics, mathematics and solid mechanics, and basic hydraulic engineering principles.

**Courses:** CE44, CE45

**Prerequisites:** CEB319

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEB522 GEOTECHNICAL ENGINEERING PRACTICE

This unit considers the use of soil and/or rock as an engineering material. The unit includes a wide range of activities: site investigation and design for building, bridge and other foundations; materials selection, design and construction control for dams, road pavements and embankments; landslide stabilisation and tunnel excavation and support. Following on from the work done in Geotechnical Engineering 1 and Geotechnical Engineering 2, this elective strengthens the understanding of geomechanics, and develops geotechnical investigation, design and construction skills. Three case studies are undertaken, selected from the following: soil reinforcements; lateral loading on piles; embankments on soft soil rock-slope stabilisation; house foundations on expansive soils.

**Courses:** CE44, CE45

**Prerequisites:** CEB322

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEB523 ENVIRONMENTAL GEOTECHNOLOGY

Graduates may work as part of a team investigating, designing and constructing solutions to waste containment and soil and groundwater pollution problems. This subject prepares them for this work by developing an understanding of the engineering concepts and processes and also by introducing them to specialist techniques, such as contaminant transport modelling, which will be used by more specialist members of these teams. It also prepares students for further post-graduate study in these specialist areas.

**Courses:** CE44, CE43, IF42

**Prerequisites:** CEB209, CEB213

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEP011 RAILWAY BUSINESS AND ENGINEERING

The unit is offered entirely in distance education mode via the continuing professional development unit NRE001. It includes the following areas of study: railway business (types, clients and needs, revenue, owner requirements, legislation, competition, organisational structures, planning and supply of labour, material and technology); railway access (owner and manager, selling access, maintenance and upgrading); project management (principles, tasks, evaluation, estimation, planning charts, managing interfaces, monitoring and controlling, reporting and audits); infrastructure (task and layout, wheel/rail, maintenance and renewal, incidental infrastructure, contribution of railway business, track and related infrastructure); rolling stock (vehicle, suspension, wheel/train, locomotive, sub-systems)

**Courses:** CE62

**Credit points:** 12

**Sem:** 2

#### ► CEP012 RAILWAY MANAGEMENT OPERATION AND SAFETY

The unit is offered entirely in distance education mode via the continuing professional develop-

ment unit NRE002. It includes the following four modules: railway management (elements of railway business management, vision, strategy, policy and procedures, needs of stakeholders); railway operation (planning for service specification and delivery, coordination by operator, optimising service); railway safety management (broader aspects of rail safety, safety awareness, guidance for the inter-disciplinary manager); railway signalling and telecommunications (signalling and telecommunications systems as important safety elements, selection and use of systems, level of safety, operational flexibility and asset utilisation required by railway owners operators and regulators).

**Courses:** CE62

**Credit points:** 12

**Sem:** 2

#### ► CEP127 ROAD AND TRAFFIC ENGINEERING

The municipal engineers' task involves the provision of a safe and effective road system. This unit is included in the course to ensure that students have an effective and comprehensive understanding of the principles of road construction and road traffic management. The aim of this unit is to provide the student with not only the techniques to be used but also the principles behind these techniques. A secondary aim is to provide students with an understanding of when a technique is more appropriate. The objectives of the unit are to develop skills in the analysis and design of intersections, urban networks, and freeways.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► CEP141 STUDIES IN ENVIRONMENTAL ENGINEERING

Various studies relate to waste and resource management and risk analysis. Waste management topics include the following: waste avoidance and minimisation, recycling and reuse; waste exchange; energy production; treatment; disposal. Risk analysis studies include risk posed by waste material to human health and the environment and optimisation of resource management.

**Courses:** CE74, CE75, CE62, CE64

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEP142 WATER POLLUTION CONTROL

This unit includes various studies related to waste and resource management and risk analysis. Waste management topics are included: waste avoidance and minimisation, recycling and reuse; waste exchange; energy production; treatment; disposal. Risk analysis includes studies of risk posed by waste material to human health and the environment, and optimisation of resource management.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► CEP143 BIOLOGICAL TREATMENT PROCESSES

This unit considers the design and operation of water and waste water treatment systems, focusing on conventional and advanced biological treatment processes, current practice and development.

**Courses:** CE62, CE64, CE74

**Credit points:** 12

#### ► CEP151 ROAD SAFETY AUDIT - PRINCIPLES AND PRACTICE

Road safety auditing is a specialised skill that is developed from an understanding of the principles involved and practical examples. This course provides this understanding and practice and enables graduates to become accredited auditors. The unit can be studied by people with a large range of backgrounds and education levels. This unit is offered in block mode.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus:** GP

**Sem:** 3

#### ► CEP161 PROFESSIONAL DEVELOPMENT STUDIES 1

This unit is presented to provide students with an advanced understanding of both the qualitative and quantitative processes involved in industrial and professional activities. Emphasis is placed on the planning, operation, management and evaluation of projects and systems, particularly in context with economic, environmental and social attributes.

**Courses:** CE62, CE64, CE74

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► CEP175 PAVEMENT MAINTENANCE REHABILITATION AND RECYCLING

The unit describes the different ways a pavement exhibits both structural and non-structural distress. The modes of distress, including disintegration, distortion, cracking and fracture are described together with problems relating to safety and damage caused by operational factors. A range of evaluation techniques used to assess the condition of a pavement with respect to serviceability, structural capacity and safety are presented. Restoration techniques using granular materials, full depth asphalt and concrete and structural overlays are described along with the role and use of absorbing layers. The unit concludes with the economic evaluation of alternative maintenance strategies using whole-of-life costing techniques.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus:** GP

#### ► CEP201 PROCESS MODELLING

This unit considers the role of models in engineering design and investigation, and the principles of modelling techniques, their uses, limitations and relevant applications.

**Courses:** CE62, CE64, CE74, CE75

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1

#### ► CEP216 ADVANCED TRAFFIC ENGINEERING

This unit considers traffic flow theory and traffic management, and presents analytical and computer analysis routines for urban intersection design, their background and applications.

**Courses:** CE62, CE64, CE74, CE75

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEP218 TRANSPORTATION ENGINEERING

This unit is presented to provide students with an advanced understanding of the transport engineering discipline, with emphasis on both the qualitative and quantitative processes involved in urban and regional transport engineering and planning. Emphasis is placed on the planning, operation, management and evaluation of transport projects and systems, particularly in context with economic, environmental and social attributes.

**Courses:** CE74, CE75, CE62, CE64

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► CEP262 PROFESSIONAL DEVELOPMENT STUDIES 2

This unit provides students with an advanced understanding of the civil/environmental engineering profession with an emphasis on enabling the students to gain an understanding of their contribution in their workplace.

**Courses:** CE62, CE64, CE74

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► CEP291 ENVIRONMENTAL LAW AND ASSESSMENT

This unit introduces environmental law. It considers Commonwealth and state legislation, development controls, trends in environmental control, the framework for environmental assessment, description of the environmental setting, and impact assessment and analysis.

**Courses:** CE62, CE64, CE74, CE75

**Contact hours:** 4 per week

**Credit points:** 12

**Sem:** 1



**► CEP292 ENGINEERING PRACTICE 2**

This subject is designed to teach the basic precepts in site management and to provide to the student an insight into the requirements, precepts and problems of construction management. Good engineering requires much more than a demonstrated ability in project management or design specialisation. It requires engineers that possess vision and organisation but, more importantly, the skill to be able to deal with the personnel problems that arise on any project.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

**► CEP293 PAVEMENT DESIGN**

The unit includes investigatory and design procedures as outlined in the AUSTROADS Pavement Design Manual. A section on materials discusses specification requirements and the testing procedures used by authorities to assess the quality of pavement materials and to predict their performance. Other topics, sourced from conference proceedings and industry, deal with the collection and analysis of traffic data, empirical and mechanistic design procedures, maintenance and rehabilitation, and an introduction to pavement management systems. The background information on the history of pavement design and the origin of pavement design theories are also discussed.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Sem:** 1

**► CEP294 ENGINEERING CONTRACT DEVELOPMENT AND ADMINISTRATION**

Good engineering requires much more than a demonstrated ability in project management or design specialisation. It requires engineers that possess vision, strategy, communication skills and the ability to enable others to work together as an effective organisation. To achieve this, financial and legal knowledge is necessary. Contemporary engineering demands that the practising engineer masters not only basic concepts in either design or construction but also current engineering approaches to contract management methods.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus:** GP

**Sem:** 2

**► CEP295 CIVIL ENGINEERING MANAGEMENT IN A PROJECT ENVIRONMENT**

Contemporary engineering demands that the practising engineer has not only mastered basic concepts in either design or construction but also has a strong background in current engineering approaches and management methods. This course provides an insight into the requirements, precepts and problems of engineering management of interdisciplinary projects.

**Courses:** CE62, CE64, CE74, CE75

**Credit points:** 12

**Campus:** GP

**Sem:** 1

**► CEP997 PROJECT B**

Professional engineers must be able to define and solve problems in areas that are not covered in textbooks and manuals of good practice. Critical assessment of research and development work develops this ability. To obtain appropriate information and to carry out its study need a plan of action. Students enrol in this unit over two semesters, completing 12 credit points in each semester. The aim of this unit is to help the student to develop skills in reviewing literature and reporting on their area of investigation.

**Courses:** CE44, CE46, CE74, CE75

**Credit points:** 24

**Campus:** GP

**Sem:** 1, 2

**CLB001 Records Management**

This unit introduces the paper-based and electronic records and information systems operating within and between organisations and the impact that changes in communication technology have had on these systems.

**Courses:** ED50, ED90

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** COB121

**Campus:** KG

**Sem:** 1

**► CLB002 COMPUTER APPLICATIONS IN BCT**

This unit includes a study of the use of technology for document preparation, analysis of underlying principles of skills acquisition, and traditional and technological perspectives on the following: document design; document formatting; business correspondence; tabulation; financial statements; business forms; document formatting for specialised businesses.

**Courses:** ED50, ED90

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** COB119

**Campus:** KG

**Sem:** 2

**► CLB003 ADMINISTRATIVE PROCEDURES**

This unit includes an analysis of business environments in a variety of industries: communication practices; communication flows; functions and operational procedures; the influence and impact of communication technology.

**Courses:** ED50, ED90

**Corequisites:** COB173

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** COB122

**Campus:** KG

**Sem:** 2

**► CLB004 INTEGRATED FOUNDATION STUDIES 1: VISUAL AND VERBAL LANGUAGE AND LITERACIES**

This unit examines literacy from contemporary perspectives. Literacy education has tended to make an artificial divide between the printed word and visual information. Increasingly, contemporary literate practices combine multiple text forms employing a range of media and technologies to communicate. Texts are spoken, written, visual imagery and other symbolic forms, and are presented in multimedia combinations and digital interactive contexts. This unit examines the complex simultaneity of texts, delivery modes and media that have specific, and more general, social and cultural meaning.

**Courses:** ED91, ED51

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, CB

**Sem:** 1

**► CLB005 INTEGRATED FOUNDATION STUDIES 3: WELLNESS AND ACTIVE CITIZENSHIP**

This unit explores the links between a holistic notion of health and wellness and the practice of active citizenship. It investigates the connections between human wellness, behaviour, and particular social, cultural, civic, economic and environmental relationships that characterise communities at particular times and places. Students are encouraged to analyse critically such connections and utilise their knowledge and understanding to develop a sense of purpose about wellness and active citizenship in an increasingly globalised world.

**Courses:** ED91, IF82, IX12, IX51

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** CLB369

**Campus:** KG, CB

**Sem:** 2

**► CLB006 PRIMARY CURRICULUM AND PEDAGOGIES: LANGUAGE AND LITERACIES 1**

New basics emerge in literacy education. The privileged status of print as the almost exclusive basis to literacy has diminished. Postmodern media culture is powerful and pervasive, and knowledge communication today is as much through multimedia as it is through the single medium of print. This unit acknowledges that children now form their early concepts about literacy from textual environments that are considerably more complex than for those of their predecessors. Contemporary language and literacy education must base its practices on texts from a range of technologies, involving different media, and in recognition of diverse contexts and social purposes for communicating.

**Courses:** ED91, ED51

**Incompatible with:** CLB348

**Campus:** KG, CB

**Sem:** 2

**► CLB007 PRIMARY CURRICULUM AND PEDAGOGIES: LANGUAGE AND LITERACIES 2**

In this unit, students are required to engage with socio-critical and inclusive principles and practices relating to language and literacy education. They will plan for literacy development in a range of contexts, and examine how strategic practice is linked to particular theories of language and literacy development.

**Courses:** ED91

**Credit points:** 12

**Incompatible with:** CLB349

**Campus:** KG

**Sem:** 1

**► CLB008 PRIMARY CURRICULUM AND PEDAGOGIES: STUDIES OF SOCIETY AND ENVIRONMENT**

This unit focuses on recent developments within the social education curriculum area with particular reference to Studies of Society and Environment (SOSE), a national key learning area; it explores teaching and learning approaches in SOSE. Understanding the processes of curriculum development and being able to interpret curriculum documents and their implications for classroom practice are essential professional skills. Students investigate SOSE as a curriculum area and consider ways of translating syllabus requirements into worthwhile teaching and learning activities. Students will critically reflect upon both the theory and the practical suggestions throughout the unit and to consider how effective teaching can be achieved.

**Courses:** ED91

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** CLB376

**Campus:** CB, KG

**Sem:** 2

**► CLB009 ACCOUNTING AND BUSINESS MANAGEMENT CURRICULUM STUDIES 1**

This is the first of three complementary units in Accounting/Business Management Curriculum Studies. The three units have been designed to help prepare students for a professional role as a teacher of secondary school Accounting/Business Management, and also as a teacher of junior secondary school business subjects. In this first unit, the focus will be on curriculum development and teaching approaches in Accounting/Business Management. Teaching is a complex activity, and it has been theorised extensively. In these units, the emphasis will be on situating classroom practice within a defensible theoretical context. Collectively, these units propose that effective teaching results from the integration of theory and practice.

**Courses:** ED55, ED90, ED95, IX03, IX09

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

**► CLB010 ACCOUNTING AND BUSINESS MANAGEMENT CURRICULUM STUDIES 2**

This unit provides opportunities to develop further an understanding of teaching and learning through a greater understanding of the syllabus and the use of advanced teaching strategies.

**Courses:** ED90, ED95, IX03, IX09, ED55

**Prerequisites:** CLB009

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

**► CLB011 ACCOUNTING AND BUSINESS MANAGEMENT CURRICULUM STUDIES 3**

This unit develops an understanding of advanced teaching methods including inquiry-based, cooperative based and problem based learning strategies, and the application of higher order thinking skills.

**Courses:** ED90, ED95, IX03, IX09, ED55

**Prerequisites:** CLB010

**Credit points:** 12

**Campus:** KG, EXT

**► CLB013 BUSINESS AND COMMUNICATION TECHNOLOGIES CURRICULUM STUDIES 2**

This unit provides opportunities to develop further an understanding of teaching and learning in Business Communication and Technologies through a greater understanding of the syllabus

and the use of advanced teaching strategies. The principles of assessment are explored and unit development is undertaken.

**Courses:** ED90, ED95, IX09, ED55

**Prerequisites:** CLB012

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

#### ► CLB014 BUSINESS AND COMMUNICATION TECHNOLOGIES CURRICULUM STUDIES 3

This unit will prepare the pre-service teacher, for a role in the near future as a teaching professional. Students will continue to develop an understanding of advanced teaching methods including inquiry based, cooperative based and problem based learning strategies, and the application of higher order thinking skills in the Business Communication and Technologies classroom.

**Courses:** ED90, ED95, IX09, ED55

**Credit points:** 12

**Campus:** KG, EXT

#### ► CLB015 ECONOMICS CURRICULUM STUDIES 1

This unit includes the following: the nature of Economics education and its role, contribution and significance for education; an introduction to the Queensland Economics and SOSE syllabuses and curriculum documents; an introduction to the principles of lesson and curriculum unit planning activities; an introduction to the methodology of inquiry based teaching and learning activities in Economics education. This is the first of three complementary units in Economics Curriculum. The three units have been designed to help prepare students for a professional role as a teacher of Economics. In this first unit, the focus will be on introducing the spirit and purpose of the Economics curriculum and on effecting planning and implementation of innovative teaching approaches in Economics.

**Courses:** ED55, ED90, ED95, IX03, IX09

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► CLB016 ECONOMICS CURRICULUM STUDIES 2

This unit is to provide the pre-service teacher, with opportunities to develop an understanding of teaching and learning in Economics and Studies of Society and Environment (SOSE). The significance of critical approaches and outcomes based approaches are explored in the context of the principles of SOSE/Social Education, pedagogical approaches, syllabus and assessment requirements.

**Courses:** ED90, ED95, IX03, IX09, ED55

**Prerequisites:** CLB015

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

#### ► CLB017 ECONOMICS CURRICULUM STUDIES 3

This unit is to develop an understanding of advanced teaching methods including inquiry based, cooperative based and problem based learning strategies, and the application of higher order thinking skills in the Economics classroom. As pre-service teachers, students become more competent in the planning and implementation of a program of assessment, and in the application of criteria to make defensible judgements of learner performances necessary for school based assessment.

**Courses:** ED90, ED95, IX03, IX09, ED55

**Prerequisites:** CLB016

**Credit points:** 12

**Campus:** KG, EXT

#### ► CLB018 ENGLISH CURRICULUM STUDIES 1

This introduction to English teaching in secondary schools, provides an indispensable foundation on which English Curriculum Studies II and III are built. Students develop an understanding of the theories of language and texts which underpin secondary English curriculum and pedagogy and which condition students' learning within English classrooms. This unit will provide opportunities to apply learning to field observa-

tions and to plan to put theory of language, texts and learners into practice for English teaching.

**Courses:** ED55, ED90, ED95, IX01, IX04, IX05, IX08, IX09

**Prerequisites:** 24 credit points in appropriate discipline studies

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

#### ► CLB019 ENGLISH CURRICULUM STUDIES 2

This unit provides an opportunity to develop a theorized understanding of the Queensland English Syllabus for Years 1-10 and to implement this understanding by developing lessons and curriculum units which are appropriate for the needs and interests of diverse learners in a range of sociocultural contexts.

**Courses:** ED90, ED95, IX01, IX04, IX05-IX08, IX09, ED55

**Prerequisites:** CLB018

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

#### ► CLB020 ENGLISH CURRICULUM STUDIES 3

This unit provides opportunities to develop a theorized understanding of the Queensland English Syllabus for Years 11 and 12, Senior English Communication (SAS) and the Senior English Extension (Literature) Syllabus, and to implement this understanding by analysing and developing senior English programs, teaching and assessment strategies that are appropriate for the needs and interests of diverse learners in particular sociocultural contexts.

**Courses:** ED90, ED95, IX01, IX04, IX05-08, IX09, ED55

**Prerequisites:** CLB019

**Credit points:** 12

**Campus:** KG, EXT

#### ► CLB021 ESL CURRICULUM STUDIES 1

Effective ESL practitioners require a knowledge and understanding of the many factors that impact on the effective learning of a second (or an additional) language and on learning curriculum content through an additional language. They also need to know how these factors influence planning for learning and how they can be managed to maximise learning outcomes. In this first curriculum unit, students will engage with some of the theory that influences approaches to teaching English as an additional language across the curriculum. They will engage with the documents that impact on planning for ESL teaching and learning eg ESL Framework of Stages and NLLIA ESL Bandscales. This unit will provide opportunities for exploring ways of putting this theory into practice.

**Courses:** ED55, ED90, ED95

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► CLB022 ESL CURRICULUM STUDIES 2

This unit introduces the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom.

**Courses:** ED90, 95, ED55

**Prerequisites:** CLB021

**Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► CLB023 ESL CURRICULUM STUDIES 3

This unit introduces the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom.

**Courses:** ED90, ED95, ED55

**Prerequisites:** CLB022

**Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► CLB024 FILM AND MEDIA CURRICULUM STUDIES 1

This unit is designed to develop competencies needed for planning and teaching in junior secondary Media (Years 8-10). Students are introduced to the current curricular directions and frameworks for junior media (1-10) and their applications across the curriculum. The unit will

build on the understandings and skills developed in the unit Teaching and Learning Studies I and II and relate also to Field Studies I. This should assist in preparing students for the further Field Studies components of the course, and lead to the development of knowledge of classroom management skills, lesson design and implementation, social justice and equity issues, and the use of post-lesson reflection and evaluation.

**Courses:** ED55, ED90, ED95, IX01, IX05, IX08

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► CLB025 FILM AND MEDIA CURRICULUM STUDIES 2

This unit allows students to apply theoretical knowledge of the curriculum and Film and Media discipline units to senior secondary contexts. The course offers the opportunity to develop research and presentation skills by formally researching and discussing the teaching implications of a number of current topics in film and media education.

**Courses:** ED90, ED95, IX01, IX05-08, ED55

**Prerequisites:** CLB024

**Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► CLB026 FILM AND MEDIA CURRICULUM STUDIES 3

This unit allows students to apply technological concepts and skills in senior and junior media studies across other curriculum areas. It allows students to understand and design pre-production texts investigating the role of technologies in the senior curriculum.

**Courses:** ED90, ED95, IX01, IX05-IX08, ED55

**Prerequisites:** CLB025

**Credit points:** 12

**Campus:** KG, EXT

#### ► CLB027 GEOGRAPHY CURRICULUM STUDIES 1

This is the first of three complementary units in Geography Curriculum. The three units have been designed to help prepare students for an international professional role as a teacher of geography or in the Studies of Society and Environment (SOSE) Key Learning Area (KLA) as currently defined in Queensland. The unit introduces the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom. In this first unit, the focus will be on the spirit and purpose of the geography curriculum and on innovative teaching approaches in geography.

**Courses:** ED55, ED90, ED95, IX01, IX05, IX08

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

#### ► CLB028 GEOGRAPHY CURRICULUM STUDIES 2

This unit provides opportunities to develop an understanding of teaching and learning in Geography and Studies of Society and Environment.

**Courses:** ED90, ED95, IX01, IX05-IX08, IX09, ED55

**Prerequisites:** CLB027

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

#### ► CLB029 GEOGRAPHY CURRICULUM STUDIES 3

This unit provides opportunities to develop an understanding of recent developments that have influenced teaching and learning in geography.

**Courses:** ED90, ED95, IX01, IX05-08, IX09, ED55

**Prerequisites:** CLB028

**Credit points:** 12

**Campus:** KG, EXT

#### ► CLB030 HISTORY CURRICULUM STUDIES 1

This is the first of three complementary units in History Curriculum. The three units have been designed to help prepare students for a professional role as a teacher of secondary school history, or in the broader field of Studies of Society and Environment (SOSE), a national Key Learn-



ing Area (KLA) that has been adopted by Education Queensland and by many non-state schools. In this first unit, the focus will be on curriculum development and teaching approaches in history. In these units, the emphasis is on situating classroom practice within a defensible theoretical context.

**Courses:** ED55, ED90, ED95, IX01, IX05, IX08  
**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB031 HISTORY CURRICULUM STUDIES 2

This unit provides opportunities to develop an understanding of teaching and learning in History and Studies of Society and Environment (SOSE).  
**Courses:** ED90, ED95, IX01, IX05-IX08, IX09, ED55

**Prerequisites:** CLB030

**Credit points:** 12

**Campus:** KG, EXT **Sem:** 2

### ► CLB032 HISTORY CURRICULUM STUDIES 3

This unit provides opportunities to develop an understanding of recent developments that have influenced teaching and learning in History.

**Courses:** ED90, ED95, IX01, IX05-IX08, IX09, ED55

**Prerequisites:** CLB031

**Credit points:** 12

**Campus:** KG, EXT

### ► CLB033 LEGAL STUDIES CURRICULUM STUDIES 1

This is the first of three complementary units in Legal Studies Curriculum. The three units have been designed to help prepare students for a professional role as a teacher of secondary school Senior Legal Studies, a teacher of lower secondary subjects which are law-related, particularly the Civics Syllabus of Studies of Society and Environment (SOSE), a national Key Learning Area (KLA) that has been adopted by Education Queensland and by many non-state schools. In this first unit, the focus will be on curriculum development and teaching approaches in legal studies.

**Courses:** ED55, ED90, ED95, IX09

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB034 LEGAL STUDIES CURRICULUM STUDIES 2

This is the second of three complementary units in Legal Studies Curriculum. Units are designed to help prepare for a professional role as a teacher of secondary school Senior Legal Studies, or as a teacher of lower secondary subjects which are law-related, particularly the Civics syllabus of SOSE.

**Courses:** ED90, ED95, IX09, ED55

**Prerequisites:** CLB033

**Credit points:** 12

**Campus:** KG, EXT **Sem:** 2

### ► CLB035 LEGAL STUDIES CURRICULUM STUDIES 3

This is the third of three complementary units in Legal Studies Curriculum. The unit draws on your knowledge and understanding of the previous units and applies it to law-related education in both the senior and junior secondary school.

**Courses:** ED90, ED95, IX09, ED55

**Prerequisites:** CLB034

**Credit points:** 12

**Campus:** KG

### ► CLB036 LOTE CURRICULUM STUDIES 1

This unit allows students to develop an understanding of the language learning process and an awareness of the place of languages in the school curriculum. Students are encouraged to become reflective learners/teachers who can analyse the contexts in which they work, who are familiar with policy and curriculum issues and who are able to make soundly-based professional judgments designed to maximize learning for all students.

**Courses:** ED90, ED95, IX01, IX05-IX08, ED55

**Prerequisites:** 24cp in appropriate discipline studies

**Credit points:** 12

**Campus:** KG

**Sem:** 1

### ► CLB037 LOTE CURRICULUM STUDIES 2

Practising teachers need to be aware that syllabuses, policy documents, and the classroom practices and teaching strategies to which they give rise reflect underlying views of language and learning.

**Courses:** ED90, ED95, IX01, IX05-08, ED55

**Prerequisites:** CLB036

**Credit points:** 12

**Campus:** KG

**Sem:** 2

### ► CLB038 LOTE CURRICULUM STUDIES 3

This unit builds on the two previous units and explores in greater depth a range of practical and theoretical issues in the area of LOTE curriculum development and implementation.

**Courses:** ED90, ED95, IX01, IX05-08, ED55

**Prerequisites:** CLB037

**Credit points:** 12

**Campus:** KG

### ► CLB039 SOCIAL SCIENCE CURRICULUM STUDIES 1

This is the first of three complementary units in Social Science curriculum aimed at preparing the student to teach Social Sciences in secondary school. This unit focuses on recent developments within the curriculum area of social studies, with particular reference to the field of Studies of Society and Environment a national Key Learning Area. It explores the theoretical context for these curriculum areas, and places emphasis on the links between theory and practice. This unit provides opportunities to investigate Social Science as a curriculum area and to consider ways of translating the syllabus requirements for the lower secondary school into worthwhile teaching activities.

**Courses:** ED55, ED90, ED95, IX01, IX09

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB040 SOCIAL SCIENCE CURRICULUM STUDIES 2

This unit involves translating the syllabuses into modules or units of work, as well as placing an emphasis on assessment principles in Social Science. Students are involved in the development of advanced teaching strategies.

**Courses:** ED90, ED95, IX01, IX09, ED55

**Prerequisites:** CLB039

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

### ► CLB041 SOCIAL SCIENCE CURRICULUM STUDIES 3

This is the third of the complementary units in Social Science Curriculum. It draws on knowledge and understanding of the previous units and applies them to citizenship education, social science teaching in the senior secondary school and future trends in social science education.

**Courses:** ED90, ED95, IX01, IX09, ED55

**Prerequisites:** CLB040

**Credit points:** 12

**Campus:** KG, EXT

### ► CLB043 PRIMARY LOTE CURRICULUM STUDIES 2

Practising teachers need to be aware that syllabi, policy documents and the classroom practices and teaching strategies to which they give rise reflect underlying views of language and learning. This unit will build on Primary LOTE Curriculum Studies 1.

**Courses:** ED91, ED95, ED55

**Prerequisites:** CLB042

**Credit points:** 12

**Campus:** KG

**Sem:** 2

### ► CLB044 PRIMARY LOTE CURRICULUM STUDIES 3

This unit builds on the previous 2 units and explores in greater depth a range of practical and

theoretical issues in the area of LOTE curriculum development and implementation.

**Courses:** ED95, ED55

**Prerequisites:** CLB043

**Credit points:** 12

**Campus:** KG, EXT

### ► CLB049 THE GLOBAL TEACHER

This unit is designed to enhance the skills of educators to design curriculum and pedagogy in ways that address global citizenship and educational and human rights.

**Courses:** ED90, ED91, ED92, ED82

**Credit points:** 12

**Campus:** KG

**Sem:** 1

### ► CLB122 SOSE CURRICULUM AND PEDAGOGIES

This unit is designed to enhance understanding of the nature of SOSE as a curriculum area, and of the SOSE Syllabus and related curriculum documents.

**Courses:** ED96, IX12, IX14

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

### ► CLB123 MULTILITERACIES: DESIGNS FOR LEARNING

Through engagement with critical and socio-cultural principles of language and literacy education, and within a new literacies' organisation, student teachers have opportunities to develop concepts of themselves as life-long learners in the area of language and literacy-related pedagogy and to demonstrate their capacity as effective communicators.

**Courses:** ED96, IX12, IX14

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

### ► CLB304 CONTEXT OF ADULT AND WORKPLACE EDUCATION

This unit investigates and analyses the contemporary contexts of workplace and community education. Specific attention is given to the changing nature of such contexts and to the implications of this for the workplace and communities. For example, changes in the global and national economy, the labour market and work, technology, the family and community, demographics, and policy are explored through an historical and critical approach. Issues raised by such changes (access, equity and participation, credentialing, competency recognition, and the unintended consequences of policy) are key points of investigation.

**Courses:** ED54, ED26

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

### ► CLB306 UNDERSTANDING EDUCATIONAL PRACTICES

This unit considers educational practice: the social, cultural, historical and political contexts of schooling; technologies, practices and strategies employed by schools; the curriculum as a contested site; the place of schooling in the modern state. Critical reflection by students is encouraged, allowing them to engage with others as co-theorists in pedagogical work.

**Courses:** ED50, ED51, ED52, ED53, ED55, ED56, ED57, ED26, IF70-79, IF81-84

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CPB420

**Campus:** KG, EXT

**Sem:** 1, 2

### ► CLB320 STUDIES IN LANGUAGE

This unit addresses the following topics: the language basis in current approaches to the teaching of English; the nature and function of language; the dynamics involved in interactive situations; the appropriateness of language forms used in various social contexts; the educational implications of linguistic diversity within the community; the recognition of the developmental features of adolescent language.

**Courses:** ED50, ED47, ED90, IX01, IX03, IX05

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1, 2

### ► CLB321 WRITING WORKSHOP

The student, as writer, uses all the language modes in social contexts (either genuine or simulated) to lead to writing in a range of situations. Engagement in these writing situations is de-

signed to bring about personal understanding of the following: the nature of the writing process; the influence of audience and purpose on the final written product; the range of genres (or forms) falling within the writing activity.

**Courses:** ED50, ED51, ED52, ED43, ED90  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► CLB322 LITERATURE IN SECONDARY TEACHING

This unit addresses the following topics: literature teaching in historical perspective; recent developments in theory; poetry in the senior school; teaching drama in the senior school; teaching the novel in the senior school; shorter works (novellas, short stories) and their use in the English curriculum.

**Courses:** ED50, ED90  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► CLB323 TEACHING ADOLESCENT LITERATURE

This unit addresses the following topics: the scope and nature of young adult literature; strategies for evaluation and selection; recent research into adolescents' reading needs, interests and responses; using young adult books in the curriculum.

**Courses:** ED50, ED90, ED91, ED92, ED82, IX01-09  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► CLB326 ENGLISH CURRICULUM STUDIES 2

This unit addresses the following topics: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF70, IF75-79  
**Prerequisites:** CLB325  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB328 FILM AND MEDIA CURRICULUM STUDIES 2

This unit addresses the following topics: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF70, IF75-78  
**Prerequisites:** CLB327  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB330 LOTE CURRICULUM STUDIES 2

This unit introduces concepts and skills in LOTE curriculum and methodology and prepares appropriately qualified students to teach French, German, Indonesian or Japanese in the upper primary school.

**Courses:** ED50, ED51, ED56, IF82, IF84  
**Prerequisites:** Six language units or equivalent  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CLB449, CLB450  
**Campus:** KG **Sem:** 1

### ► CLB334 PRIMARY LOTE CURRICULUM STUDIES

This unit introduces concepts and skills in LOTE curriculum and methodology and prepares appropriately qualified students to teach French, German, Indonesian or Japanese in the upper primary school.

**Courses:** ED50, ED51, ED56, IF82, IF84  
**Prerequisites:** Six language units or equivalent  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CLB449, CLB450  
**Campus:** KG **Sem:** 2

### ► CLB339 ADULT LITERACY AND SECOND LANGUAGE LEARNERS

This unit explores the special literacy needs of second language learners and investigates teaching approaches that recognise these needs, and develop cross-cultural awareness and communication strategies. Topics include the following: a comparison of first and second language literacy;

the relationship between second language oracy and literacy; issues in cross-cultural communication; the literacy impact for non-English speaking background learners of current policy initiatives and workplace practices in second language literacy course design.

**Courses:** ED54  
**Corequisites:** 12  
**Credit points:** 3 per week  
**Campus:** KG **Sem:** 1

### ► CLB347 TEACHING ENGLISH AS AN ADDITIONAL LANGUAGE

This elective unit for students in all teaching specialisations will develop understanding of specific language and learning needs of students for whom English is a second language. It deals with differences in first and second language development, professional implications of significant policy initiatives related to second language learners, and issues in analysis, assessment and cross-cultural communication. Participants will also investigate language demands of their own area of specialisation and develop appropriate teaching techniques and resources.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, IF70-79, ED90, ED91, ED92, ED82  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► CLB356 ACCOUNTING/BUSINESS MANAGEMENT CURRICULUM STUDIES 2

This unit addresses the following topics: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF79, IF72  
**Prerequisites:** CLB355  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB358 BUSINESS COMMUNICATIONS AND TECHNOLOGIES CURRICULUM STUDIES 2

This unit addresses the following topics: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF79  
**Prerequisites:** CLB357  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB360 ECONOMICS CURRICULUM STUDIES 2

This unit is a continuation of CLB359. It includes the following: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF79, IF72  
**Prerequisites:** CLB359  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB362 GEOGRAPHY CURRICULUM STUDIES 2

This unit addresses the following topics; curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF70, IF75-79  
**Prerequisites:** CLB361  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB364 HISTORY CURRICULUM STUDIES 2

This unit addresses the following topics: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF70, IF75-79

**Prerequisites:** CLB363

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB366 LEGAL STUDIES CURRICULUM STUDIES 2

This unit is a continuation of PRB365. It addresses the following topics: curriculum development within the context of contemporary policies, frameworks and agencies; advanced teaching strategies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF79  
**Prerequisites:** CLB365  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB368 SOCIAL SCIENCE CURRICULUM STUDIES 2

This unit addresses the following topics: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF70, IF79  
**Prerequisites:** CLB367  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLB371 KNOWING YOUR ENVIRONMENT: FROM GLOBAL ISSUES TO LOCAL ACTION

This unit is an interdisciplinary social science approach to explore the origins, nature and impact of various environmental issues that threaten the continuing viability of our planet. Its aim is to develop a sound skills and knowledge base enabling students to analyse, synthesise and respond positively to many of the controversial and vital environmental problems at a local, national and global level.

**Courses:** ED52, ED51, ED43, ED90, ED91, ED92, ED82  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► CLB372 SUSTAINABLE CONSUMPTION: FROM COCA-COLA TO THE COMMUNITY CO-OP

This unit is designed to enhance the knowledge and skills of the individual in one of the most important roles in a market oriented economy. Content includes the following: the role and functions of consumers in the Australian economy; the interrelationship between consumers, business and government; consumer protection laws and the need for them; ways of developing pro-active consumerism; consuming for the environment - the green consumer.

**Courses:** ED52, ED51, ED43, ED90, ED91, ED92, ED82  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► CLB373 ENVIRONMENTAL FUTURES AUSTRALIA AND THE ASIA PACIFIC

This unit provides a futures approach in the study of the rapidly changing Asia-Pacific region. An introduction to the study of the future is made through an analysis of principal methods and contemporary contributors such as Toffler and Jones. Methods and models that are applied are relevant to Australia, Asia and the Pacific, involving such themes as population and migration, international relations, political institutions and systems, resource allocation and utilisation, sustainable development, environment issues, and structural change.

**Courses:** ED52, ED51, ED43, ED90, ED91, ED92, ED82  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► CLB374 STUDIES OF SOCIETY AND ENVIRONMENT

This unit includes the following: an investigation of the key learning area of Studies of Society and Environment disciplinary versus interdisciplinary approaches; analysis of key strands; values; curriculum perspectives including gender perspectives; Aboriginal and Torres Strait Islander per-

spectives; multicultural perspectives; global perspectives; futures perspectives; technology and VET perspectives.

**Courses:** ED50, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **CLB375 EXPLORING OUTDOORS; EDUCATION IN THE ENVIRONMENT**

This unit is designed to identify and value a wide range of field study resources and venues. Extensive involvement with field study experiences will assist students in developing appropriate skills for investigating environmental issues and concerns as well as helping students reflect and refine the usefulness and value of field experience in developing effective environmental education programs.

**Courses:** ED43, ED51, ED52, ED90, ED91, ED92, ED82

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **CLB376 STUDIES OF SOCIETY AND ENVIRONMENT CURRICULUM**

This unit provides an opportunity for students to investigate the philosophical and pedagogical characteristics of this teaching area. Ways of translating syllabus requirements into worthwhile curriculum units, and teaching sequences, are considered. The unit will enable students to gain an understanding of significant societal and environmental problems.

**Courses:** ED26, ED51, ED56, IF82, IF84

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 3

► **CLB377 BUSINESS EDUCATION STUDIES**

This unit enables students to develop those competencies needed for planning and teaching Business Education subject areas, which are additional to their two major curriculum areas. A selection of three areas will be made from Accounting, Business Communication and Technology Education, Business Organisation and Management, Economics, and Legal Studies. Competencies covered will include a basic knowledge of curriculum planning, appropriate teaching strategies and resources, and assessment planning and implementation.

**Courses:** ED50, ED55

**Prerequisites:** 24 credit points in Business Education Curriculum units.

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **CLB401 CULTURAL DIVERSITY AND EDUCATION**

This unit explores the multicultural nature of Australian society and its educational approaches to addressing the needs of cultural diversity. Participants will analyse the role of the school and the teacher with respect to schooling and pluralism. Students will learn how to identify and challenge various forms of discrimination, and recognise the kinds of social, curriculum, and classroom management policies which are sensitive to the needs of students from diverse socio-cultural backgrounds.

**Courses:** ED90, ED91, ED92, ED82, ED26, ED43, ED50, ED51, ED52, ED53, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2, 3

► **CLB402 ISSUES IN INDIGENOUS EDUCATION**

This unit addresses the following topics: factors influencing the position of Aborigines and Torres Strait Islanders in Australian society; government policies; indigenous cultures and education; current initiatives; participation of indigenous communities in policies and programs.

**Courses:** ED90, ED91, ED92, ED82, ED26, ED50, ED51, ED52, ED53, ED54, ED55, IF70-IF79

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

► **CLB403 GENDER AND SEXUALITY ISSUES FOR TEACHERS**

This unit addresses the following topics: gender and sexualities in cultural and school contexts;

historical overview of gender relations; theoretical frameworks for gender and current debates in Australia about gender and equity; femininity and masculinity as social constructs; sexuality and the body; violence and gender; debates about boys' behaviour and performance in Australian schools.

**Courses:** ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

► **CLB411 INTRODUCTION TO PRODUCTION PRACTICE IN FILM AND MEDIA CURRICULUM**

The relevance of media studies across the curriculum is reflected in the recently developed range of state and national curriculum documents that draw attention to the study of the media. The Queensland Studies Authority approved subject Film and TV requires that teachers are technologically literate and competent users of audio visual technologies in the production practice and production design aspects and dimensions of the curriculum. This unit aims to equip teachers with the skills they require to teach this complex aspect of their subject area (75% of senior Film and Television is practically based) and builds on previous discipline units, which are more industry based. The unit also relates directly to the competencies required of the pre-service teacher on practicum.

**Courses:** ED50, ED55, IF70-79

**Prerequisites:** CLB327, CLB328

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **CLB413 PROGRAMMING AND ASSESSMENT IN LANGUAGE AND MATHEMATICS**

The unit has two main components: a lecture sequence which provides generic information on State and National initiatives and practices in assessment and intervention in both language and mathematics; two practical strands in which students will plan for unit development, assessment and intervention in both language and mathematics.

**Courses:** ED51, ED56, IF82, IF84

**Prerequisites:** Language and Mathematics Curriculum Sequences

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

► **CLB441 CHILDREN'S LITERATURE**

This unit provides students with the opportunity to extend their knowledge of children's literature written by both Australian and overseas writers. It examines traditional and emerging genres, develops critical approaches to texts, and considers ways of using children's literature in the classroom.

**Courses:** ED90, ED91, ED92, ED82, ED26, ED51, ED52, ED53, ED43

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **CLB443 TRENDS IN THE TEACHING OF READING**

This unit provides students with the opportunity to extend their understanding of the reading process and it examines current views about reading in order to identify key concepts of the theory. By identifying factors which influence readers and texts and the roles these play in understanding meanings, implications for classroom practice are drawn and learning situations based on these understandings are developed.

**Courses:** ED26, ED50, ED55, IF70-79

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 3

► **CLB446 UNDERSTANDING TEXTS AND WRITING**

Over the past twenty years, linguistic studies have increasingly informed the development of language curriculum, the assessment of language, and the processes of language and literacy learning in schools. Over the same time, the need for teachers to have systematic knowledge of language and how it works has been recognised. In much of Australia this systematic approach to describing language comes principally from the systemic functional school of linguistics. This unit provides an organised, contextualised intro-

duction to that linguistic model through workshop sessions involving the writing and reading of a range of genre. In this unit, students will learn to critically evaluate texts, their purposes and the language resources employed by writers.

**Courses:** ED90, ED50, ED51, ED52, ED43

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **CLB448 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 2**

Continuation of LAB447 shows students how curriculum materials and resources are implemented through appropriate approaches, methodologies and techniques for individuals, groups or whole classes of learners who are non-native speakers of English.

**Courses:** ED50, ED55 **Prerequisites:** CLB447

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **CLB450 PRIMARY LOTE CURRICULUM STUDIES 2**

This is a continuation of CLB449. It presents content, processes and materials appropriate to the planning and implementation of LOTE programs in the primary school that integrate culture and language, articulate with the rest of the primary curriculum and in which learners become more interested in, and aware of, languages and cultures other than their own.

**Courses:** ED55 **Prerequisites:** CLB449

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CLB334

**Campus:** KG **Sem:** 1

► **CLB452 MEDIA LITERACY AND THE SCHOOL**

The unit aims to equip future teachers with an understanding of media literacy which they can apply to their own professional growth and incorporate into an educational environment. Aspects of media techniques and practices, relationships between culture and meaning, nature of an audience, and concepts of agents and industry will be explored.

**Courses:** ED90, ED91, ED92, ED82, ED47, ED51, ED52

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** LAP513

**Campus:** KG **Sem:** 1

► **CLB453 NEW LITERACIES AND TECHNOLOGIES ACROSS THE CURRICULUM**

This unit provides students who have successfully completed CLB341 Language, Technology and Education the opportunity of further developing cross-the-curriculum approaches to new technologies and literacies in education. Students will undertake negotiated school-based projects to develop learning resources by applying new technologies and literacies in actual classroom contexts.

**Courses:** ED50, ED55, IF70-79

**Prerequisites:** CLB341 **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **CLB454 LANGUAGE AND LITERACY CURRICULUM**

Following an introduction that points out how particular language and literacy theories underpin curriculum in Years 1-7 classrooms, the unit is constructed in three modules. The first explores planning for teaching reading, spelling and writing. The second module engages with a genre approach to reading and writing. The third module plans a critical approach to literacy education.

**Courses:** ED26, ED56, IF82, IF84

**Contact hours:** 3 per week **Credit points:** 12  
**Sem:** 2

► **CLN601 CYBERLEARNING: INFORMATION & KNOWLEDGE IN THE DIGITAL AGE**

The aim of this unit is to provide a forum for student to critique cyberlearning as it occurs in a variety of synchronous and asynchronous digital environments.

**Courses:** ED09, ED13

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► CLN602 DIVERSITY AND MULTILITERACIES

The unit aims to provide students with opportunities to take investigative and critical approaches to multiliteracies education. It is designed for students to identify, justify, and highlight a schooling or work place 'work order' that addresses changing contexts of communication and social justice agendas.

**Courses:** ED09, ED13

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► CLN603 DESIGNING SPACES FOR LEARNING

This unit provides a foundation for understanding the complex relations among space, place and learning pedagogies appropriate to the design of innovative, adaptable supportive spaces for learning in future-oriented educational contexts.

**Courses:** ED09, ED13

**Campus:** KG, EXT **Sem:** 2

### ► CLN604 GLOBALISATION AND EDUCATIONAL CHANGE

This unit explores how different paradigms interpret globalisation, global change and the implications for education. It undertakes a comparative analysis of the impact of globalisation on schooling, higher education and the work of multilateral agencies in education across different national and local contexts.

**Courses:** ED09, ED13

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► CLN608 SECOND LANGUAGE ACQUISITION

Research into second language acquisition is providing new insights into the complex processes involved in natural and instructed language development. This unit extends participants' knowledge of research into, and theories of, second language acquisition, and explores pedagogical implications and the relevance of research and theories to the enhancement of second language acquisition and learning.

**Courses:** ED14, ED11, ED77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► CLN612 PRINCIPLES OF SECOND LANGUAGE METHODOLOGY

This unit considers the range of approaches to second language learning and the theories of language and learning which underpin them: theories of language and learning and their implications for TESOL; the social context of learning and its impact on methodological decision-making; current approaches and methods in TESOL; the roles of teachers and learners in the TESOL classroom.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► CLN613 SECOND LANGUAGE CURRICULUM DESIGN OPTIONS

This unit introduces the factors that influence teachers in the development of language programs. It includes analysis of the following areas: learner profiles and needs; aims and objectives; processes and criteria for selecting methodology; content selection and sequencing; choice and evaluation of materials and resources.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► CLN615 DIRECTED READING IN SECOND LANGUAGE EDUCATION

This unit provides an opportunity for teachers and others involved in TESOL to review current research articles to gain an overview of developments in TESOL/Applied Linguistics and to explore one or two personal interest areas in greater depth.

**Courses:** ED14, ED77 **Prerequisites:** CLN618

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2, 3

### ► CLN616 LANGUAGE ASSESSMENT AND PROGRAM EVALUATION IN TESOL

This unit introduces the theories and practices in program evaluation, language testing and proficiency assessment. It examines and evaluates standardised tests and instruments that are used to assess the English language proficiency of speakers for whom English is a second language.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► CLN617 PERSONALISED LANGUAGE DEVELOPMENT

Language learning is a lifelong task. This unit allows teachers to take a program of language development aimed at improving their level of proficiency and enhancing their cultural awareness. Students wishing to take this unit should discuss options with the coordinator.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► CLN618 TECHNOLOGY AND SECOND LANGUAGE LEARNING

The twentieth century saw a rapid change in the technology available to language teachers. This unit explores the creative teaching potential of this technology in areas such as computer enhanced language learning (CELL), interactive multimedia (including CD-ROM and video disc) and the use of linear video, word processing and audio materials. The unit will also explore access to and pedagogical uses of electronic communication such as email, list servers and bulletin boards.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► CLN620 LANGUAGE AND CULTURE

This unit explores the relationship between language and culture, drawing on insights from linguistics, sociolinguistics and cultural theory. It analyses the co-constitutive nature of language and culture, and examines how this relationship can be explored in the TESOL context.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► CLN640 SOCIOLINGUISTICS

This unit is an introduction to sociolinguistics, the study of language as social process and practice. Topics covered include the following: language functions and varieties; regional and social dialects, styles and registers; pidgin and Creole languages; language as social practice; discourse; speech communities; language and power; sociolinguistics and language teaching.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► CLN641 FROM THEORY TO PRACTICE -PRACTICAL APPLICATIONS IN THE TESOL CLASSROOM

This unit focuses on Communicative Language Teaching (CLT). It extends students' knowledge of the general trends in methodology learned in CLN612, by providing a theoretical basis for CLT and various opportunities to apply the theoretical framework to classroom practice.

**Courses:** ED14, ED77

**Prerequisites:** CLN612 **Corequisites:** CLN612  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

### ► CLN642 GRAMMAR FOR TEACHERS

This unit assists language teachers to develop a better understanding of grammar and its place in the teaching and learning of a second language. Participants will develop their own language awareness and explore a range of strategies and techniques for the effective integration of grammar instruction into language programs.

**Courses:** ED14, ED77

**Prerequisites:** CLN608, CLN612

**Corequisites:** CLN608, CLN612

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 3

### ► CLN643 ENGLISH LANGUAGE TEACHING MANAGEMENT

This unit examines a range of issues of relevance for ESL program directors and managers: organisational cultures, educational leadership and human resource management in TESOL; the role of teachers in the TESOL service industry; legal and industrial contexts of TESOL in Australia; TESOL marketing, promotion and funding; the implications of globalised English language teaching.

**Courses:** ED14, ED77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► CLN644 LITERACY DEVELOPMENT: THE EARLY AND MIDDLE YEARS

Professional practitioners are encouraged to continue developing as literacy educators through engagement with critical and socio-cultural perspectives.

**Courses:** ED09, ED13

**Campus:** KG **Credit points:** 12 **Sem:** 1

### ► CLN645 STUDIES OF ASIA: NEW PEDAGOGIES

This unit employs several theoretical frameworks to investigate significant aspects of Asian societies, their relationships with Australia and debates about the role of education in empowering Australians for regional engagement.

**Courses:** ED09, ED13

**Campus:** KG **Credit points:** 12 **Sem:** 1

### ► CLN646 THE KNOWLEDGE HUB: INFORMATION SERVICES FOR DYNAMIC LEARNING

The unit provides a research based, theoretical and practical context for exploring organisational, pedagogical, technological and professional dimensions of school libraries and other information services for prospective teacher-librarians, information professionals, and other educators.

**Courses:** ED09, ED13

**Campus:** EXT **Credit points:** 12 **Sem:** 1, 2

### ► CLN647 YOUTH, POPULAR CULTURE, AND TEXTS

In the diverse terrain of popular culture, youth find the resources and means for identity formation, social relations, and pleasure, and develop a range of knowledge, skills, values and attitudes. Educators need to understand the ways popular cultural texts (literary, mass media, computer-based and digital) form the cultural capital of youth and give meaning to their experiences.

**Courses:** ED09, ED13

**Campus:** EXT **Credit points:** 12 **Sem:** 1

### ► CLN648 INDIGENOUS KNOWLEDGE: ISSUES IN EDUCATION

This unit builds upon students' knowledge and/or experience within Australian educational contexts and aims to assist students in their understandings of their own cultural subjectivities, developing their skills in critically analysing the education system in Australia.

**Courses:** ED09, ED13

**Credit points:** 12 **Campus:** KG

### ► CLN649 GENDER AND POWER: AN INTERNATIONAL ANALYSIS

This unit explores the historical and cultural dimensions of gender and its intersection with power from a range of international and Australian perspectives. Drawing upon various international human rights debates, and through a series of case studies, the unit examines constructions of sexuality, moral and technological discourses of the body, and significant relationships between sex, power and resistance in the New World Order.

**Courses:** ED09, ED13

**Credit points:** 12 **Campus:** KG

### ► CLP501 SOCIO-CULTURAL ISSUES IN EDUCATION

This unit examines socio-cultural contexts of schooling, the pastoral care and special needs industries, resistance and disruption in schools, and disability and integration.

**Courses:** ED28, ED61

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 2

**► CLP527 LEARNING IN THE INFORMATION AGE**

This unit offers educators a theoretical and practical context for exploring how technology is used in learning. This entails understanding how current societal and institutional changes are redefining the relationship between learning and technology in what has been called 'the information age'. Opportunities for reflective practice on learning about, through, and with technology will be provided.

**Courses:** ED25, ED61 **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

**► CLP528 LITERARY AND POPULAR RESOURCES FOR LEARNING**

This unit addresses issues related to resourcing the curriculum to prepare educators to cater for the recreational needs and interests of young people. Students are required to read widely and critically contemporary literature written for young people, to become familiar with and critique educational resources in a variety of print and electronic formats, to be alert to the learning resource implications of changing curricula, and to consider the resource needs of students that extend beyond the classroom, yet influence their learning.

**Courses:** ED25, ED61 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

**► CLP529 COMMUNICATION WITHIN AN INFORMATION ENVIRONMENT**

This unit considers the theory and practice of interpersonal communications and management and leadership issues that professionals can apply and evaluate in managing information within their own work environments.

**Courses:** ED25, ED61 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

**► CLP530 ACCESSING INFORMATION SOURCES**

This unit addresses the following topics; the search process and search strategies; effective utilisation of library catalogues and other services for the retrieval of information; basic reference and information sources; effective searching the World Wide Web; evaluation of information and of methods of finding it.

**Courses:** ED25, ED61 **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

**► CLP531 FIELD PROGRAM**

This unit addresses the principles and practice of school library resource centre administration and management, including the study of library environment, administrative systems and staff management and the study of the literature of the field, and of work practices through experience in at least two sites.

**Courses:** ED25 **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

**► CLP532 BIBLIOGRAPHIC ORGANISATION**

This unit addresses the following topics: library systems for the organisation of information; development of effective, user-friendly catalogues, with automation where appropriate; study of SCIS (School Catalogue Information Service)/AACR (Anglo-American Cataloguing Rules) cataloguing guidelines, SCIS subject headings, and Dewey Decimal Classification; study of indexing and other bibliographic helps to accessing information in books and other library holdings.

**Courses:** ED25 **Credit points:** 12  
**Campus:** EXT **Sem:** 1

**► CNB101 CONSTRUCTION 1**

This unit covers the following: the role of construction in society; application of relevant legislation to building work including the Building Code of Australia and relevant Australian Standards; methods of construction and performance principles in timber and masonry construction including foundation and footings; high and low set timber, brick veneer, cavity brick and masonry block; external and internal linings and claddings; window, doors and associated joinery; staircases in timber and concrete; roof coverings of clay and concrete tiles; corrugated and tray sheeting; cut and fill; surface and subsurface

drainage systems; landscape retaining walls; acoustic and fire safety requirements; drafting construction details.

**Courses:** CN51, CN53 **Corequisites:** CNB102  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► CNB102 BUILDING TECHNOLOGY 1**

Structural and non-structural materials used in the construction process are examined focusing on the basic properties, construction applications, behaviour, strength, durability, suitability, and limitations: material manufacture; acoustic and thermal properties; fire tests and fire hazard properties; issues such as cleaning and maintenance; corrosion protection; deterioration and ageing; sustainable development; material recycling; storage on site; installation processes; identification and causes of building defects; recommendations for potential remedies.

**Courses:** CN51, CN53 **Corequisites:** CNB101  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► CNB105 LEGAL AND LAND STUDIES**

This unit addresses the following topics: structure of the Australian legal system; land law; environmental law; permits; Building Code of Australia, housing provisions; Standard Building Regulation 1993; land Surveying, levelling and data analysis; trigonometry; geometry; unit conversions; manipulation of equations; estimation of accuracy/errors; vectors and their applications; levels and levelling; reading and recording observations; 2-peg test; linear measurement; correction to measurements; the theodolite; angles and bearings; traverses and traverse calculations; setting out; contours (AHD v assumed datum) and volumes; cadastre, balanced cut and fill.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► CNB106 TECHNICAL COMMUNICATIONS**

This unit addresses the following topics: research, writing and learning processes; information literacy and retrieval skills; written communication skills; presentation strategies and skills; The QUT library as a resource; writing processes including types, formats, styles; referencing; job application and interview skills. Computing at QUT; electronic information retrieval; QUT electronic databases, software packages including Word, Excel, CAD, Adobe Acrobat and image manipulation software; Computer hardware including digitisers, printers and plotters.

**Courses:** CN51, CN53  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► CNB107 CONSTRUCTION 2**

The aim of this unit is to provide students with extensive theoretical knowledge to manage and supervise the construction of (1) low rise residential apartment buildings, (2) commercial buildings ie shops, offices, and (3) industrial buildings. The unit focuses on the following: legislative requirements; on-site inspections; site management techniques; temporary works & construction plant requirements; labour; in-ground construction; external treatments (cladding); formwork; bracing and stability; services coordination; landscaping; environmental considerations, building defects; disabled access; universal design; load-bearing masonry; services coordination; internal fitout; tilt panel construction; portal/steel frames.

**Courses:** CN51, CN53  
**Prerequisites:** CNB101 **Corequisites:** CNB108  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► CNB108 BUILDING TECHNOLOGY 2**

Structural engineering analysis examines structural principles, structural action, load paths and equilibrium. Structural characteristics are examined through first principles including tension, compression, bending and shear forces. Quantitative, qualitative techniques and approximate methods are used as well as computer software in structural analysis.

**Courses:** CN51, CN53  
**Prerequisites:** CNB102 **Corequisites:** CNB107

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► CNB109 PROFESSIONAL STUDIES 1**

This is assignment-based project orientated group work where students design and document a new dwelling preparing a full design of a single level brick-veneer type dwelling to a standard appropriate for building approval including architectural and structural design, construction materials, building services, statutory obligations and the building approval, measuring and cost planning, contract administration, construction planning, and site layout.

**Courses:** CN51, CN53 **Prerequisites:** CNB101  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► CNB110 MEASUREMENT 1**

This is an introduction to the scope of the role of the Quantity Surveyor working independently and for contractors; the tendering process and the bill of quantities; the Australian Standard method of measurement (rules, taking off methodology, mensuration and formulae); measurement of various work sections (finishes, roofing, partitions, woodwork, metalwork, painting, doors, windows, glazing, hardware, suspended ceilings and masonry).

**Courses:** CN51, CN53  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► CNB120 ECONOMICS IN THE CONSTRUCTION INDUSTRY**

This unit covers the following: introduction to economics; operations of the whole economy; the price mechanism; markets and market structures; land use economics; the construction industry; structure, operation and segments; housing and commercial buildings; the firm in theory and revenue analysis; cost analysis, investment, risk and profitability; business cycles and fluctuations in the construction industry; stabilisation policies; structural change.

**Courses:** CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► CNB190 INTRODUCTORY STUDIES**

This subject is divided into four distinct but inter-related areas. (a)It examines tertiary learning and the processes necessary for effective and successful study. (b)It satisfies the need of professionals to complement their technical expertise with excellent writing and oral presentation skills. (c)It introduces the student to the versatility of the modern desktop computer and software packages and how they may be used to assist in the provision of professional services. (d)It introduces students to information retrieval techniques in accord with current Information Literacy program development.

**Courses:** CN54  
**Credit points:** 12 **Incompatible with:** CNB181  
**Campus:** GP **Sem:** 1

**► CNB191 PROPERTY LAW 1**

The following topics are covered in this unit: legal principles and process; the legal system and process; sources and divisions of the law; rules of precedence; interpretation of statutes and regulations; legal practice and procedure; elements of law of property, including ownership and possession, estates and interests in land; easements, rights and restrictive covenants; party walls, boundary walls, fences and encroachments.

**Courses:** CN54 **Credit points:** 12  
**Incompatible with:** CNB183  
**Campus:** GP **Sem:** 1

**► CNB192 BUILDING STUDIES 1**

The unit introduces students to the principles and methods of domestic construction. For each of the building types covered, common construction faults and defects are also addressed. Tutorials are used to reinforce the lecture material to teach the students to read and understand building documents, to measure building areas and to examine documents prepared by the various building consultants. Students are required to visit relevant building sites.

**Courses:** CN54 **Credit points:** 12  
**Incompatible with:** CNB182

**Campus:** GP**Sem:** 1**► CNB193 PROPERTY LAW 2**

This subject covers legal aspects of the auctioneer and agents act, residential tenancies act, land sales act, building unit and group titles act, laws of principal and agents, body corporate management, law of partnership, company law and bankruptcy and liquidation, the law of torts, fair trading and misrepresentation.

**Courses:** CN54**Prerequisites:** CNB191**Credit points:** 12**Incompatible with:** CNB283**Campus:** GP**Sem:** 2**► CNB194 PRINCIPLES OF PROPERTY VALUATION**

This subject is structured to assist student learning across the three component areas of market, profession, and methods. This will be achieved through coverage of the following topics: character of the property market; market value; nature and role of stakeholders; legal interests in property and property types; valuation process and methods for freehold property interests; data collection; factors influencing market value; report writing and oral presentation; codes of professional practice.

**Courses:** CN54**Prerequisites:** BSB113 **Corequisites:** EFB102**Credit points:** 12 **Incompatible with:** CNB180**Campus:** GP**Sem:** 2**► CNB201 CONSTRUCTION 3**

Students learn how to construct a high rise structure from the basement to the roof: focus on protection to the public during construction, temporary support; demolition; temporary services; deep excavation and foundations; retention and shoring systems; structural components; multilevel formwork; interaction of building components, systems and services; common building faults, failures and rectification; alternative forms of external cladding; waterproofing problems.

**Courses:** CN51, CN53**Prerequisites:** CNB107 **Corequisites:** CNB202**Contact hours:** 5 per week **Credit points:** 12**Campus:** GP**Sem:** 1**► CNB202 BUILDING TECHNOLOGY 3**

This unit includes the study and analysis of engineering components and systems to develop a sound understanding of how a building achieves structural stability and equilibrium through its load paths. This includes basic structural member design for tension and compression, and bending and shear loads through detailed examination and the use of relevant Australian Standards as the basis for examination. Emphasis is on approximate or first order of magnitude techniques suitable for estimating of checking purposes. Structural systems analysis includes trusses and retaining walls with an emphasis on qualitative and quantitative techniques. Construction stability is examined in detail including cranes, shoring, scaffolding, and slings.

**Courses:** CN51**Prerequisites:** CNB108**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP**Sem:** 1**► CNB203 BUILDING SERVICES**

The following building services are introduced in this unit: Fire Services: fire detection, suppression and extinguishment; statutory requirements for maintenance of essential active fire services; Hydraulics Services: building hydraulic services including water supply, fire protection and sanitary waste disposal systems; Mechanical Services: air movement; types of ventilation; air-conditioning systems and heating; installation procedures and the issue of confined spaces; basis of design and effect of architectural style; Electrical Services: transformers, sub-stations, switchboards, protection devices, lighting systems, stand-by generators, security systems; systems monitoring and energy management; vertical transportation systems; Energy Efficient Services: examination of energy efficient design.

**Courses:** CN51, CN53**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP**Sem:** 1**► CNB204 MEASUREMENT 2**

Measurement is a core skill among building professionals. This skill is particularly important in relation to the production of quantified documents for the purposes of tendering and estimating. This unit covers the following: measurement of various work sections (concrete, formwork, reinforcement, groundworks, underpinning, tanking, structural steelwork, exterior elements, and bored piers); development and application of builders' quantities.

**Courses:** CN51, CN53 **Prerequisites:** CNB110**Contact hours:** 5 per week **Credit points:** 12**Campus:** GP**Sem:** 1**► CNB206 LAW 1**

Tort Law is introduced under the following headings: negligence; professional negligence; duty of care; liability; occupier liabilities; nuisance; fraud and conversion; contract law parties; formation of contracts (agreement, intention, consideration, estoppel); enforcement of contracts (privity, formalities); contents of contracts (oral statements, express and implied terms); tendering issues; variations; time; payment and liquidated damages; environmental law - constraints; water noise and dust; vibration from blasting; heritage; erosion and sediment control; contaminated land; safety; sustainable development; waste management and control.

**Courses:** CN51, CN53**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP**Sem:** 2**► CNB207 PROFESSIONAL STUDIES 2**

This unit adds to information about Tort Law: negligence; professional negligence; duty of care; liability; occupier liabilities; nuisance; fraud and conversion; contract law parties; formation of contracts (agreement, intention, consideration, estoppel); enforcement of contracts (privity, formalities); contents of contracts (oral statements, express and implied terms); tendering issues; variations; time; payment and liquidated damages. It also addresses Environmental law under the following headings: constraints; water noise and dust; vibration from blasting; heritage; erosion and sediment control; contaminated land; safety; sustainable development; waste management and control.

**Courses:** CN51, CN53**Prerequisites:** CNB109, CNB107**Contact hours:** 4 per week **Credit points:** 12**Campus:** GP**Sem:** 2**► CNB209 THE ENVIRONMENT AND THE QUANTITY SURVEYOR**

This unit will involve professional Quantity Surveying including image and status, fees, codes of ethics, professional competence and continuing professional development. In terms of employment, professional engagement in the workplace will be covered including terms of engagement, professional indemnity insurance, quality assurance and financial asset management. The work of quantity surveying takes place within a social and environmental context and this relates to the interactions between business and environmental interests including the natural environment, environment economics and ecologically sustainable development.

**Courses:** CN53**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP**Sem:** 1**► CNB227 APPLIED COMPUTING**

This unit assists the construction manager to select and use the relevant construction software to measure, estimate, manage, plan, schedule and organise on and off site activities on a construction site. This unit comprises three major components: (a) the advanced application of spreadsheet and databases, (b) the application of construction management packages; (c) the integration of computer software. A range of computer products are introduced to cover construction management topics such as project scheduling, project control, estimation, and cost monitoring.

**Courses:** CN52, CN53**Contact hours:** 4 per week**Incompatible with:** CNB304**Campus:** GP**Sem:** 2**► CNB228 CONSTRUCTION BUSINESS ADMINISTRATION**

This unit addresses the following Construction Administration topics: structuring the budget documents to provide control mechanisms or cost monitoring and purchasing; dealings with sub-contractors during initial negotiations and subsequent execution of the contract on a conceptual and operational level; dealing with the client on variations in the physical work and the consequences on time in both commercial and contractual terms, with the implications traced through to the sub-contract level; techniques for the prediction of profitability and the procedures for claiming final payment and finalising the contract. The unit also examines the Workers Compensation Act, the Workplace Health and Safety Act, and Regulations and Codes of Practice.

**Courses:** CN51**Credit points:** 12**Campus:** GP**Sem:** 2**► CNB290 BUILDING STUDIES 2**

Building Studies 2 continues to develop the students' construction knowledge with reference to larger commercial and high-rise buildings. Lectures provide a general overview of advanced construction methods while developing students' appreciation of such issues as material finishes, interior fit-outs, typical problems and solutions, interior and exterior component finishes, and fault identification and remedy. The unit also examines the history and need for cost control, comparisons between cost planning and approximate estimating. It also addresses NPWC cost control systems, the effect of height, shape and building efficiency upon cost and value, the functional requirements and cost implications of construction methods and the influence of site and market conditions.

**Courses:** CN54**Credit points:** 12 **Incompatible with:** CNB282**Campus:** GP**Sem:** 1**► CNB291 URBAN LAND ECONOMICS**

The unit builds on the student's previous exposure to economic theory and applies that knowledge to assist the student's appreciation of the economic imperatives which drive and shape urban development. Topics covered will include the following: economic processes in spatial and land use development; urban growth theory; competing land use; supply and demand in the pricing of urban property; the concept of the 'rent bid curve'; business location theory; the impact of land based communications corridors on price; technology and footloose location theory; planning and government control on free market pricing; environmental and heritage issues; and local government regulation and by-laws.

**Prerequisites:** BSB113, EFB102**Credit points:** 12**Campus:** GP**Sem:** 1**► CNB292 PROPERTY INVESTMENT VALUATION**

This unit develops further the basic property valuation principles introduced in CNB194, Principles in Property Valuation. The emphasis now moves to the valuation of income producing property assets which are more commonly termed 'investment properties'. Topics covered include the mathematics of freehold and leasehold property valuation, utilising the time value of money formula as exhibited in the capitalisation of net income and discounted cash flow approaches.

**Courses:** CN54**Prerequisites:** CNB194**Credit points:** 12**Campus:** GP**Sem:** 1**► CNB293 REAL ESTATE ACCOUNTING AND TAXATION**

This unit addresses the following: introduction to the business environment surrounding the property industry; introduction to accounting; financial accounting (recording accounting information and basic financial statements, company accounts and other business structures, cash flow statements, interpretation of accounts); cost and management accounting (accounting for inventory and manufacturing, basic cost accounting procedures and direct and indirect costs); financial management (accounting systems, cash con-



trol and payroll); accounting for Real Estate trust accounts; taxation (interpretation of income and capital gains tax and the GST deductions and allowance, gearing, negative gearing, depreciation and building amortisation).

**Courses:** CN54 **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► CNB294 AGENCY PRACTICE AND MARKETING

The focus of this module is to provide the students with a good grounding in Real Estate Agency practice and marketing as it applies to the diverse real estate property types of commercial, industrial, retail, and residential. At the completion of the unit, students will have a good understanding of Real Estate agency management and practice methodologies and contemporary Real Estate marketing theory and practice. Reference will also be made to the Legislative impacts: Property Agents and Motor Dealers Act, Trade Practices Legislation, Retail Shop Leases Act and Common law.

**Courses:** CN54 **Credit points:** 12  
**Prerequisites:** CNB191 **Sem:** 2  
**Campus:** GP

#### ► CNB295 PLANNING THEORY AND PROCESSES

Development of land use in most western democracies is a controlled and regulated activity. This unit examines the history and morphology of planning control in the Queensland context and its impact on property markets. Topics covered will include the following: introduction to the emergence of fundamental principles of urban planning control and regulation in Queensland; statutory planning process and current Queensland legislation; urban and regional planning on matters of equity and social responsibility; types of planning controls; current development planning approval and appeals processes; conservation and heritage protection and impact on development, land use rights and economic value; concepts and impact of regional planning.

**Courses:** CN54 **Credit points:** 12  
**Prerequisites:** CNB291 **Sem:** 2  
**Campus:** GP

#### ► CNB296 CONTEMPORARY ISSUES

This unit is deliberately open ended and flexible with regard to content. Issues facing the property industry can be varied, wide-ranging and arrive as an issue as rapidly as it can fade. Content therefore is likely to vary from year to year as issues gain prominence and then recede. Current topics which may be covered might include the following: native title; heritage; contamination; environmental and sustainability; professional issues; internationalisation of property markets; water rights; demographics; regional and rural issues; common property rights.

**Courses:** CN54 **Credit points:** 12  
**Prerequisites:** Year 1 and 2 of CN54  
**Campus:** GP **Sem:** 2

#### ► CNB297 PROPERTY FINANCE

This unit covers the role of property and its financing for development or investment. It considers property in relation to institutional asset allocation, risk diversification and general decision making principles. It develops students' understanding of the nature and impact of loan finance on investment property and the place of property assets within the capital markets, relevant to subsequent employment in property as a graduate of property economics.

**Courses:** CN54 **Credit points:** 12  
**Prerequisites:** CNB292 **Sem:** 2  
**Campus:** GP

#### ► CNB302 CONTRACT ADMINISTRATION

This unit addresses the following: administration of standard form contracts used by the building industry; special conditions of contract; contract addenda; financial management of contracts from formation to discharge; construction procurement and evaluation systems; tender code; construction insurances; sub-contractors and nominated sub-contractors; adjustment of provisional sums; variations; correction of bill errors; interim claims and certificates of payment; forms of

security; bank guarantees and retention; counting of days; delays; extensions of time; liquidated and ascertained damages; prolongation costs; dispute clauses; practical completion; completion; defects liability; warranties; collateral warranties.

**Courses:** CN51, CN53 **Credit points:** 12  
**Contact hours:** 3 per week **Sem:** 1  
**Campus:** GP

#### ► CNB303 CONSTRUCTION BUSINESS ACCOUNTING

This unit includes the following contents: introduction to accounting; financial accounting (recording accounting information and basic financial statements, company accounts, interpretation of accounts); cost and management accounting (basic cost accounting procedures, direct and indirect costs, fixed and variable cost analysis and budgetary control); financial management (taxation, payroll, cost of capital, managing working capital, and financing); use of accounting / financial management software.

**Courses:** CN51, CN53 **Credit points:** 12  
**Contact hours:** 3 per week **Sem:** 1  
**Campus:** GP

#### ► CNB305 CONSTRUCTION ESTIMATING

This unit addresses the following: estimating techniques to quantify cost; fundamental elements of cost and methods of evaluating labour, materials and equipment to realistic levels of accuracy; unit rate approach to assessing the base estimate for major trades; assessment of offers from sub-contractors and implications for tendering with respect to risk, quality and ethical responsibilities; functional estimating and the significance of method, time and assembly of information to estimating; review of an estimate, determination of profit; letters of offer; subsequent negotiations prior to award of a contract; application of estimating to variations and profit monitoring; linking best value procurement assessment to outcome performance indicators (including tender evaluation criteria).

**Courses:** CN51, CN53 **Credit points:** 12  
**Contact hours:** 4 per week **Sem:** 1  
**Campus:** GP

#### ► CNB306 CONSTRUCTION BUSINESS MANAGEMENT 3

This unit addresses the following: estimating techniques to quantify cost; fundamental elements of cost and methods of evaluating labour, materials and equipment to realistic levels of accuracy; unit rate approach to assessing the base estimate for major trades; assessment of offers from sub-contractors and implications for tendering with respect to risk, quality and ethical responsibilities; functional estimating and the significance of method, time and assembly of information to estimating; review of an estimate, determination of profit; letters of offer; subsequent negotiations prior to award of a contract; application of estimating to variations and profit monitoring; linking best value procurement assessment to outcome performance indicators (including tender evaluation criteria).

**Courses:** CN51 **Credit points:** 12  
**Contact hours:** 3 per week **Sem:** 2  
**Campus:** GP

#### ► CNB307 BUILDING ECONOMICS AND COST MANAGEMENT

This unit addresses the following: interrelationship between construction industry and economy; fundamental principles of cost management (design and construction cost planning and cost control); nature and purpose of cost planning and cost control systems; contract costing (historical accounting) and anticipatory (forecast final cost / value); design economics, cost and value concepts, cost information systems, cost modelling, cost analyses, cost indices, cost data, cost implications of design variables; life cycle costing and modelling including design knowledge in virtual environments; value management, including energy efficiency in buildings, and value alignment process for project delivery; asset management and building maintenance; risk management in cost planning and cost control.

**Courses:** CN51, CN53 **Credit points:** 12  
**Contact hours:** 3 per week

**Campus:** GP

**Sem:** 2

#### ► CNB308 PROFESSIONAL STUDIES 3

The aim of this unit is to help students understand the character of the decisions required of a Construction Manager in a project environment. Students advance to decisions related to the overall management of a building company: staffing, tendering and tactical positioning using the computer simulation Arousal; character of managing construction; significance of bidding strategies; management of projects - broad goals/specific goals; project status (progress / profit); corporate entity analysis; comparison of firm bidding with other procurement methods; estimating fee bidding, overheads, tendering, profit and risk, project concept, proposals, commercial awareness.

**Courses:** CN51, CN53 **Credit points:** 12  
**Contact hours:** 4 per week **Sem:** 2  
**Campus:** GP

#### ► CNB309 LAW 2

This unit addresses the following Commercial Law topics: sale of goods; hire purchase; trade practices; negotiable instruments; insurance law; partnership law and company law; bankruptcy and liquidation; arbitration (the agreement, appointment of an arbitrator; conduct of an arbitrator; powers and duties; enforcement of an award, costs); alternative dispute resolution. It also addresses Building Law: study of the Building Code of Australia and building regulations, which control the design, construction of building works; a study of the Acts Interpretation Act, Town Planning Acts; etc.

**Courses:** CN51, CN53 **Credit points:** 12  
**Prerequisites:** CNB206, CNB101, CNB105, CNB107, CNB201

**Contact hours:** 3 per week **Sem:** 2  
**Campus:** GP

#### ► CNB310 MEASUREMENT 3

Measurement is a core skill amongst building professionals. This skill is particularly important in relation to the production of quantified documents for the purposes of tendering and estimating. This unit covers measurement of building services (hydraulics, drainage, electrical and mechanical works).

**Courses:** CN53 **Credit points:** 12  
**Prerequisites:** CNB204  
**Contact hours:** 5 per week **Sem:** 2  
**Campus:** GP

#### ► CNB335 TIME MANAGEMENT

Controlling time and resources is an essential task in construction project management. Students in construction courses must develop an understanding of and skills in time management. This unit covers the following: project time and resource planning techniques such as bar charts, critical path networks (precedence, time scales, and activity on arrows); line of balance; resource allocation and levelling; schedule updates and progress control; delays and claims analysis. Applications of computer-based project planning software also form an important part of the study in this unit.

**Courses:** CN51, CN53 **Credit points:** 12  
**Contact hours:** 4 per week **Sem:** 1  
**Campus:** GP

#### ► CNB336 CONSTRUCTION BUSINESS MANAGEMENT

This unit involves an examination of a range of general business management practices and issues as they relate to the construction industry. Specific topics to be examined include the following: understanding individuals and organisations; personality and attitudes; personal and professional business ethics; motivation and employee performance; stress; managing stress, conflict, change, power and politics; communication; group functions; decision making processes. Further, this unit examines industrial relations including the impact of industrial relations in the construction industry: the role of unions; labour management; workplace reform and workplace agreements.

**Courses:** CN51 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► CNB390 PROFESSIONAL PRACTICE

Professional experience forms an integral part of the property course. This unit seeks to provide

students with a fully supervised University approved work experience placement of 60 days, complementary to their academic program. The unit is fully supported by the Australian Property Institute, which plays a key role in monitoring student/host interaction to ensure students receive the best quality experience possible.

**Courses:** CN54 **Credit points:** 24  
**Campus:** GP **Sem:** 1

► **CNB391 STATUTORY AND APPLIED VALUATION**

Valuers are often called upon to perform valuations of special use properties sometimes for statutory purposes, and sometimes to represent those valuations as an expert witness. Contents of this unit include the following: valuations for tax and taxation of capital gains; statutory rating purposes under relevant legislation including computer assisted mass appraisal; appeals procedure; compulsory acquisition; assessment of compensation resulting from acquisition, resumption and damage; evidence: the expert witness and professional liability; moot court and an introduction to the valuation of special purpose properties and businesses as going concerns.

**Courses:** CN54  
**Prerequisites:** CNB194, CNB292  
**Credit points:** 12  
**Campus:** GP **Sem:** 1

► **CNB392 PROPERTY INVESTMENT ANALYSIS**

Topics covered in this unit include the following: the principles and strategies of investment; alternative forms of investment; real estate as an investment medium; the real estate investment process; property ownership structures; initial feasibility analysis; detailed cash flow analysis involving NPV and IRR analysis; the modified internal rate of return (MIRR) approach; sensitivity and probability analysis; market analysis and real estate cycles; institutional property investment; risk analysis and risk management.

**Courses:** CN54  
**Prerequisites:** CNB194, CNB292  
**Credit points:** 12  
**Campus:** GP **Sem:** 2

► **CNB393 PROPERTY AND ASSET MANAGEMENT**

Property Management provides a detailed insight into all aspects of property management, from residential management to specialised industrial, commercial and retail centres. It also addresses life cycle analysis and incorporates units of competency standards ASF 16, 17, 18, 19.

**Courses:** CN54  
**Prerequisites:** CNB191, CNB191, CNB192, CNB194, CNB290, CNB292, CNB293  
**Credit points:** 12  
**Campus:** GP **Sem:** 2

► **CNB394 PROPERTY DEVELOPMENT**

Data are provided on the Australian urban economic environment to enable students to gain knowledge of the various development sectors. Students are exposed to various planning, building, legal, financial and environmental acts and conditions. Knowledge gained is applied to a range of case studies across various development sectors.

**Courses:** CN54 **Prerequisites:** CNB292  
**Corequisites:** CNB392 **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **CNB395 RESEARCH METHODS**

This unit provides students with the opportunity to develop an understanding of research skills, techniques and methodologies appropriate for the completion of a full research proposal or for the development of advanced database skills. To facilitate this, topics covered include research and retrieval skills, research methodologies and strategies, data collection and analysis, and presentation and dissertation writing.

**Courses:** CN54 **Credit points:** 12  
**Incompatible with:** CNB383  
**Campus:** GP **Sem:** 2

► **CNB402 INVESTMENT THEORY**

Construction Managers need to understand how property is valued and the different aspects of land that affect the value. This unit includes

content on concepts of valuation, types of landed property, income, and ownership costs and capitalisation rates. Students are also provided with concepts of investment theory including NPV, IRR and MIRR.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **CNB408 ADVANCED BUILDING AND CIVIL CONSTRUCTION**

This unit focuses on non-standard buildings and structures in terms of constructability, construction methodology, planning, estimating, scheduling and site organisation. Significance of temporary works and the inherent need for planning and safety are included. Students study in detail the methods and equipment employed in the construction of earthworks, heavy foundations, steel fabrication and erection, marine and water retaining structures, roadworks and bridges, mechanical erection and electrical structures. The unit concludes with the broader issues of environmental management, construction weather forecasting and the management and social issues of work in remote locations.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **CNB409 PROFESSIONAL PRACTICE 1**

Professional experience forms an integral part of the academic programme, allowing the students the opportunity to put into practice accumulated theory and simulated practical work. The aim of this unit is to facilitate students gaining relevant professional experience and varied management knowledge and skills in approved employment for a minimum of 100 days. Diary and logbook are to be completed and signed by employer. A key learning feature of this unit is the identification of a problem at your employment and the preparation of a case study report on an actual development project, providing direct insight into the task of problem solving and delivering real projects.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **CNB410 PROPERTY DEVELOPMENT**

A study of the property development process gives students a sound knowledge of how property developers identify, measure, structure and manage a property development undertaken in both residential and non-residential sectors of the market, including planning, building, legal, financial and environmental issues. This unit introduces the following: development process; planning process; identifying and screening development opportunities; market drivers; market demand analysis; income projections; options studies; design management; procurement methods; cost projections; feasibility analysis; authority approvals; development finance; financial structuring; risk management; communicating with stakeholders.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **CNB420 CURRENT CONSTRUCTION ISSUES**

This unit addresses new developments in construction and construction management focussing on recent and topical developments in the area of construction management. Areas covered by current construction issues will vary from year to year as advances are made in construction and construction management, but may include the following: quality management; buildability; value analysis; case studies; computer applications and selection; information systems, IT and AL; international construction management; recent developments in law; cultural influences in construction; new construction technologies and methodologies.

**Courses:** CN51  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **CNB423 PROFESSIONAL PRACTICE 2**

Professional experience forms an integral part of the academic programme, allowing the students

the opportunity to put into practice accumulated theory and simulated practical work. The aim of this unit is to facilitate students gaining relevant professional experience and varied management knowledge and skills in approved employment for a minimum of 100 days. Diary and logbook are to be completed and signed by the employer. A key learning feature of this unit is the identification of a problem at the student's place of employment and the preparation of a case study report on an actual development project, to provide direct insight into the task of problem solving and delivering real projects.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **CNB424 SPECIALIST MEASUREMENT**

Measurement is a core skill amongst building professionals. This skill is particularly important to students in relation to the production of quantified documents for the purposes of tendering and estimating. This unit occurs in the final year of the course given the unusual and advanced nature of the construction technology to be measured. This unit covers the following: unusual building works; civil engineering works including earthworks, roadworks and piling; heavy engineering works including refinery/processing plant, mining and offshore platforms.

**Courses:** CN53 **Prerequisites:** CNB310  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **CNB425 INTERNATIONAL CONSTRUCTION**

In this unit, students examine history, culture, language, government and business structure and practices, construction methodology, construction management, and general business practices in a country or countries other than Australia, specifically those where issues and practices differ from common Australian practice. An optional student-funded international trip may be offered (likely to be 2-4 weeks) to allow students to experience first-hand the country studied during the semester allowing students to immerse themselves in the culture and further enhance their language skills. Students will be involved in site visits and workshop (studio) type activities during the tour.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **CNB433 DISSERTATION A**

This unit allows students to explore underlying theory, and maximise the opportunity to investigate and develop an area of personal interest. The focus is on the following: research methodology; data collection and analysis, information literacy; information retrieval skills; literature review and research proposal writing activities. Statistics is also included: introduction to statistics including role of statistics; data types and properties; data reduction and pictorial presentation; numerical description of data such as population and samples; descriptive statistics; measure of central tendency; measures of dispersion; grouped data and misuse of descriptive statistics.

**Courses:** CN51, CN53  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **CNB434 DISSERTATION B**

Research and development is an important success factor in today's competitive and global environment. As a student, research allows you to explore underlying theory behind your chosen area of interest. On the other hand, as a practitioner, the unit helps you to identify valuable and profitable research. This unit involves collection, analysis and interpretation of primary data in relation to work completed in CNB433, and provision of conclusions and recommendations for further research.

**Courses:** CN51, CN53 **Prerequisites:** CNB433  
**Contact hours:** 3 per week **Credit points:** 12  
**Sem:** 2

► **CNB480 BUILDING SURVEYING PRACTICE**

Building certifiers must have the ability to locate, interpret and assess building plans to legislative



requirements, a code of practice, and ethical obligations. This unit ensures building certifiers have the fundamental knowledge in order to practice in Queensland. The unit includes the following: the examination of ethical responsibilities; legislative framework, integrated development assessment system (IDAS); interpretation of local planning instruments (Qld specific), State approvals, energy efficiency; documenting performance based assessments to the Building Code of Australia.

**Courses:** CN51, CN53 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► CNB481 CONSTRUCTION DISPUTE MANAGEMENT

A claim or dispute may arise between an owner and a contractor in contract negligence, nuisance or trespass, relating to the performance of commercial or domestic building work. Rights and obligations exist in the performance of building work and participants should use appropriate techniques to avoid and manage disputes. This unit helps students develop the skills required to avoid and manage disputes. It includes the following: analysis of reasons that disputes occur; sources of disputes; statutory obligations to rectify defects; formal dispute resolution through tribunal and courts system; pro-active dispute avoidance techniques; preparation and presentation of a claim/ response to a claim; role of an expert witness in disputes; costs of disputes and ways to manage those costs.

**Courses:** CN51, CN53 **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► CNB482 MEASUREMENT 4

Measurement is a core skill amongst building professionals. This skill is particularly important in relation to the production of quantified documents for the purposes of tendering and estimating. This unit covers the following: an examination of the latest software used in the generation of quantities, estimates and capital cost / life cycle cost plans including advanced CAD applications; measurement used to produce financial asset management statements including due diligence and sinking funds; measurement and assessment of the environmental impact of buildings.

**Courses:** CN53  
**Prerequisites:** CNB310 **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► CNB483 SMART AND SUSTAINABLE CONSTRUCTION

This is an assignment based group project work where students from different disciplines undertake project work on a project case study considering key smart and sustainable construction issues: sustainability and its impact on commercial construction development; flexible design considerations; innovative construction techniques; smart engineering services; intelligent building development. Project cases may include any of the following: multi-storey office building project in CBD; marina resort development on tropical Queensland coast; Kelvin Grove Urban Village development; sustainable housing development utilizing specific site characteristics.

**Courses:** CN51, CN53  
**Courses:** AR48, BN31, BN32, EE41, CE44, CE46, CN51, CN53, CN54, ME41  
**Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► CNB490-1/2 RESEARCH DISSERTATION

To produce a written dissertation on a topic of their choice, students embark on a research project culminating in its presentation. Progression will be closely monitored and assistance provided by individual supervisors who will guide the student through the process.

**Courses:** CN54 **Prerequisites:** CNB395  
**Credit points:** 24 **Sem:** 2

#### ► CNB491 RURAL VALUATION

The unit utilises skills and knowledge learned from earlier units and applies these to the valuation of rural assets. In particular this unit examines the physical and economic factors of rural land and its development, land utilisation and degradation, farm management and productivity,

and extraneous factors influencing rural valuations. Rural sales and valuation procedures are analysed and physical inspections organised to assist the student with gaining practical experience.

**Courses:** CN54 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► CNB492 BUSINESS AND SPECIALIST VALUATION

Knowledge and skills developed in earlier units are applied to the process of valuing special purpose properties and going concerns. Content includes the following: applications of the profits method of valuation, valuation of business assets; tangible, intangible and technical plant and machinery valuation; valuation of licensed premises, hotels and resorts; valuation of regional shopping areas; heritage valuations and valuation of transferable development rights; valuation of terminable interests; public sector and institutional investment valuation.

**Courses:** CN54  
**Prerequisites:** CNB292 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► CNB493 ADVANCED PROPERTY VALUATION AND ANALYSIS

The unit explores and analyses a variety of contemporary property valuation and analysis techniques as well as techniques used in connection with other asset classes to assess their relevance to investment property analysis. Special attention is paid to a study of the effects of taxation and finance and the analysis methods associated with net of tax and finance investment performance measurement. A case study approach is used.

**Courses:** CN54 **Prerequisites:** CNB392  
**Credit points:** 12 **Incompatible with:** CNB385  
**Campus:** GP **Sem:** 2

#### ► CNB494 ADVANCED MARKET RESEARCH ANALYSIS

This unit re-acquaints students with published property market data sources and methods of interpretation. It develops skills to source, analyse, interpret and report on primary property market data using appropriate analysis methods. Students are introduced to statistical software as a tool to assist the data analysis process.

**Courses:** CN54  
**Credit points:** 12 **Incompatible with:** CNP555  
**Campus:** GP **Sem:** 1

#### ► CNB495 STRATEGIC PROPERTY AND FACILITIES MANAGEMENT

This unit allows students to understand the broader strategic property management issues of property as a component of investment portfolios and as an integral element of business operations. It considers economic environment and property management issues. Base theory includes portfolio analysis and management, asset management and property/tenancy management, facilities management (concentrating on issues of organisation in relation to the identification, provision and management of property assets to support core business delivery), changes to the use of real property, and emerging issues.

**Courses:** CN54  
**Prerequisites:** CNB393 **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► CNB496 PROJECT MANAGEMENT

This unit introduces project management as a growing discipline/profession. It focuses on theories related to project definition, project scope, project tools and implementation. Key aspects covered include professional development, organisation design and project structure, communication, managing change and performance measurement (time, cost and quality).

**Courses:** CN54 **Incompatible with:** CNP520  
**Campus:** GP **Sem:** 1

#### ► CNB497 PROJECT COST AND RISK MANAGEMENT

The unit identifies fundamental project management principles that relate to economics, cost and risk management and the key elements of proactive cost management and the implementation of risk evaluation. It revisits the macro-economic and micro-financial contexts of project, construction and property management and provides

students with and understanding of the practical applications of responsibility, accountability, motivation, reporting and implementation of project cost management. Furthermore, it covers the area of risk management analysis functions, techniques and theories, as well as cost management systems applicable to design cost, value management and project life cycle management.

**Courses:** CN54  
**Prerequisites:** CNB290, CNB394  
**Credit points:** 12 **Incompatible with:** CNP521  
**Campus:** GP **Sem:** 1

#### ► CNB498 PROJECT HUMAN RESOURCE MANAGEMENT

Effective project delivery requires effective utilisation of all project resources. The cornerstone of the project management process is management of the diverse professional team brought together to complete the project on time to specification and within budget. Topics covered will include the following: principles of human behaviour; aspects of personal development and motivation; communication skills, characteristics and styles of leadership; group dynamics and interactions; conflict management and arbitration. An integral part of the unit is a field trip, the aim of which is to increase students' understanding of and skills in human processes relevant to project management.

**Courses:** CN54 **Prerequisites:** CNB496  
**Credit points:** 12 **Incompatible with:** CNP551  
**Campus:** GP **Sem:** 2

#### ► CNB499 INTERNATIONAL PROJECT DEVELOPMENT MANAGEMENT

The unit develops concepts of project development management introduced to the student in CNB496, Project Management, and places them in an international, or more specifically, Asia-Pacific, regional context. To this end, the content will be similar to CNB496 with a focus on theories related to project definition and scope, project implementation and termination, and the latest developments affecting the practice of project management in organisations.

**Courses:** CN54 **Prerequisites:** CNB394  
**Credit points:** 12 **Incompatible with:** CNP534  
**Campus:** GP **Sem:** 2

#### ► CNB442 DISSERTATION - 1-2

Students develop the skills necessary for conducting independent research by completing a dissertation on a chosen topic under the guidance of an appointed supervisor. The approved research topic must be in an area related to project management or property development. The unit also incorporates lectures in Research Methodology, and information retrieval skills.

**Courses:** CN77, CN92 **Credit points:** 48  
**Campus:** GP

#### ► CNP520 PROJECT MANAGEMENT

This unit is an introduction to project management as a growing discipline/profession. This unit will focus on theories related to project definition, project scope, project tools and implementation. Key aspects covered include professional development, organisation design, project structure, communication, managing change and performance measurement.

**Courses:** CN64, CN77, CN81  
**Contact hours:** Block mode **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► CNP521 PROJECT COST AND RISK MANAGEMENT

Central to project and construction management are the identification of project risk and the control of project cost. The objective of this unit is to educate students in the theory and application of the economics and management of project cost and risk. The unit covers techniques and tools essential for proactive project and cost management, and the fundamentals of risk evaluation associated with project implementation.

**Courses:** CN64, CN77, CN81  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► CNP532 INNOVATION AND TECHNOLOGY MANAGEMENT

This unit introduces key concepts in better understanding the role of innovation and technology

and its efficient management, to build and maintain a competitive edge in business. This unit links engineering, science and management principles to identify, choose and implement the most effective means of attaining compatibility between an organisation and its competitive, economic and social environments.

**Courses:** CN64, CN77, CN81

**Contact hours:** Block format **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► CNP533 PROJECT MANAGEMENT LAW

This unit aims to create awareness of the legal environment in which the project manager operates. The project manager in the construction industry is exposed to a variety of legal situations on a day-to-day basis. It is important that the manager has the information on which to base decisions which reduce the risk of legal entanglement. The unit covers key principles of Tort, Contract and Construction law from an Australian and international perspective. Dispute resolution processes and mediation are also studied from an Australian and International perspective.

**Courses:** CN64, CN77, CN81

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP433

**Campus:** GP **Sem:** 2

#### ► CNP534 INTERNATIONAL PROJECT MANAGEMENT

This unit introduces key concepts, and furthers the understanding of international issues in project management from the perspective of the Australian project manager. It compares technical, managerial, economic and cultural concepts and trends related to project management in the competitive global marketplace. Material is covered from a market viewpoint as well as from the viewpoint of a single project and firm. Emerging opportunities and misconceptions are discussed, with particular reference to the Asia-Pacific region.

**Courses:** CN64, CN77, CN81

**Contact hours:** Block format

**Credit points:** 12 **Incompatible with:** CNP406  
**Campus:** GP **Sem:** 2

#### ► CNP545 PROJECT DEVELOPMENT

This unit focuses on issues relating to the feasibility assessment of property development opportunities and the development process. Topics covered include the following: evaluation of project feasibility - financial, social and legal aspects; marketing; project team formation; contract and procurement options.

**Courses:** CN64, CN77, CN81

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP426

**Campus:** GP **Sem:** 2

#### ► CNP547 PROPERTY INVESTMENT

Property (or real estate) is one of a number of competing investments available in the investment market. The unit covers principles and strategies of property investment and evaluation techniques. Basic concepts of value and detailed financial viability studies are studied, including equity and cash flow models.

**Courses:** CN64, CN77, CN81

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP402, CNP438

**Campus:** GP **Sem:** 1

#### ► CNP551 PROJECT HUMAN RESOURCE MANAGEMENT

The most valuable and possibly expensive resource a project manager has is people. The manager needs to know how to maximise this resource by working with all those involved in the project. This unit introduces the student to theory and skills in project management as they are applied to managing the people aspects of projects. Theories will be examined as they apply to practical issues. In addition to lectures on the human aspects of project management, an important component of this unit is experiential learning through group dynamics and workshops.

**Courses:** CN64, CN77, CN81

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CNP431, CNP437

**Campus:** GP

#### ► CNP552 CURRENT ISSUES

The unit introduces current areas of importance in project management and integrates these areas within the framework established in other units. This unit incorporates case studies, workshops and discussions. Areas may include the following: procurement practices, industry development, quality management, buildability, value analysis, case studies, arbitration and benchmarking. This unit provides the opportunity for students to become familiar with current research activities within the School and its partners.

**Courses:** CN64, CN77, CN81

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CNP430

**Campus:** GP **Sem:** 2

#### ► CNP553 INFORMATION TECHNOLOGY FOR PROJECT MANAGERS

This unit addresses the revolution in information technology and the widespread use of personal computers. It provides project managers with skills in using a range of appropriate software, and an appreciation of information resources and the impact of information technology on construction management and property development processes. The unit will provide competency in the selection and use of appropriate information technology through the study of essential computer packages and advanced project management software.

**Courses:** CN64, CN77, CN81

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CNP434, CNP668 **Sem:** 2

#### ► CNP554 ADVANCED LAND DEVELOPMENT

This unit focuses on the overall development process appropriate to the use of land in a variety of environments. It considers the drivers of development and the correct processes that should be followed to ensure both an economic and a functional result. It looks at land development within the CBD, suburban commercial, residential, and industrial areas.

**Courses:** CN64, CN77, CN81

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** CNP404 **Campus:** GP

#### ► CNP555 PROPERTY MARKET ANALYSIS

This unit covers the principles of property economics and market research methodology focusing on surveys and hypotheses testing, property market data available in Australia, and supply and demand studies of property.

**Courses:** CN90, CN91, CN92 **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► CNP556 PROPERTY MANAGEMENT AND CONTRACTS

This unit covers the following: property contracts, especially leases, partial rights and purchase and sale; rent statements and accounting procedures; computer based property management programs; property type differentials; property portfolio management.

**Courses:** CN90, CN91, CN92 **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► CNP557 PROPERTY FINANCE AND CAPITAL MARKETS

This unit deals with property in a capital markets environment. It examines property as an asset class and the financing of property assets. It considers property in relation to institutional asset allocation, risk diversification, and general decision making principles.

**Courses:** CN90, CN91, CN92

**Prerequisites:** CNP547 **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► CTB110 ACCOUNTING

Accounting data is the basis for decision making in any organisation. Accordingly, the aim of this unit is to provide students with a basic level of knowledge of modern financial and managerial accounting theory and practice so that they can understand how accounting data is used to help make decisions in organisations. The unit covers financial procedures and reporting for business entities, analysis and interpretation of financial statements, planning, control and business decision making.

**Courses:** BS56, BS58

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSB110

**Campus:** CB **Sem:** 2

#### ► CTB113 ECONOMICS

This unit introduces students to the key economic concepts and their practical applications. It comprises twelve topics each focusing on a current economic issue. Microeconomic topics include demand and supply, elasticity, production and cost theory and market structure. Macroeconomic topics include measuring GDP, inflation and unemployment, money and banking, and fiscal and monetary policy.

**Courses:** BS56, BS58

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSB113

**Campus:** CB **Sem:** 2

#### ► CTB114 GOVERNMENT, BUSINESS AND SOCIETY

This unit provides a basic grounding in the principles, institutions and functions of government and their interactions with business and society. Its principal focus is the structure and key features of Australia's constitutional and government framework including the judicial and administrative processes, especially as they affect business. Students develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This includes consideration of law-making and policy processes and the impact of the changing national and international environment.

**Courses:** BS56, BS58

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSB114

**Campus:** CB **Sem:** 2

#### ► CTB115 MANAGEMENT, PEOPLE AND ORGANISATIONS

The unit provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that are needed in all areas of management and organisational life. The unit acknowledges that organisations exist in an increasingly international environment where the emphasis will be on knowledge, and the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.

**Courses:** BS56, BS58

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSB115

**Campus:** CB **Sem:** 2

#### ► CTB119 INTERNATIONAL AND ELECTRONIC BUSINESS

This unit integrates two rapidly expanding areas of business studies: international business and e-business. Doing business across international borders is facilitated by e-business technologies. This unit explores the nature and models of international business and e-business, and how e-business technologies facilitate international business and add value to the business. It develops the skills and understanding to identify and respond to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse environments.

**Courses:** BS56, BS58

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSB119

**Campus:** CB **Sem:** 1

#### ► CTB122 QUANTITATIVE ANALYSIS AND FINANCE

To maintain the competitiveness of, and add value to, an organisation, today's managers have to make critical business and financial decisions. This unit is a preliminary study of the techniques for analysing business information, and provides students with a framework for understanding the fundamentals of business and financial decision making. Topics include the following: the basic techniques of organising and analysing data; application of probability and probability distributions; understanding a firm's investing, financing and dividend decisions; the three main ideas underpinning financial decisions - time value of money, diversification and arbitrage.

**Courses:** BS56, BS58

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSB122

**Campus:** CB

**Sem:** 1

#### ► CTB126 MARKETING

This introductory subject examines the role and importance of marketing to the contemporary organisation. Emphasis is given to understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, management information systems and consumer behaviour. The unit explores the various elements of the marketing mix, with special reference to product, price, distribution, and promotion including advertising and public relations. By way of introduction only, key issues relating to services marketing, e-marketing and strategic marketing are also be canvassed.

**Courses:** BS56, BS58

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSB126

**Campus:** CB

**Sem:** 1

#### ► CTB201 MARKETING AND AUDIENCE RESEARCH

This unit provides an introduction to the conduct and evaluation of marketing and audience research across the disciplines of advertising, marketing and public relations. Class members explore how field studies, survey and experimental research are employed to support advertising, marketing and public relations information needs. The unit provides an overview of the research process, research design, methods of data collection and analysis, and the development of research proposals to support decision-making. Class members also explore issues related to research on media audiences, research ethics, and the management of client briefings.

**Courses:** IF11

**Prerequisites:** CTB126

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AMB201, MGB220

**Campus:** CB

**Sem:** 1

#### ► CTB212 ELECTRONIC BUSINESS APPLICATIONS

This unit looks at the ways in which organisations adopt and use various electronic business applications in areas of e-commerce, business-to-consumer, business-to-business and intra-business relations. Business models and their impact in various industries are analysed, enabling students to assess the underlying business case, and determine the model's viability in a competitive environment. The issues associated with front-end and back-end applications associated with e-business are considered.

**Courses:** IF11

**Prerequisites:** CTB112

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSB212

**Campus:** CB

**Sem:** 1

#### ► CTB213 LEGAL ISSUES IN ELECTRONIC BUSINESS

This unit introduces students with no formal studies in law to legal issues associated with electronic business (e-business). The main principles of legal issues and how they might be identified and managed by the use of compliance programs are analysed, as are the ways in which e-business professionals identify the key legal, governance and ethical issues associated with their e-business operations. Legal, jurisdictional and enforcement issues that arise with international e-business transactions are also considered.

**Courses:** IF11

**Prerequisites:** CTB112 or 96 credit points of approved study

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** BSB213

**Campus:** CB

**Sem:** 2

#### ► CTB221 COMPUTERISED ACCOUNTING SYSTEMS

This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems including the following: accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle, payroll cycle; computer fraud, security and crime; accessing accounting information; ac-

counting in an electronic environment. Practical application of these concepts is enhanced by the use of accounting software such as MYOB, spreadsheet software such as Excel, databases and software such as Access, and interactive multimedia software such as Accounting Information Systems Cycles.

**Courses:** IF11

**Prerequisites:** CTB110

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYB221

**Campus:** CB

**Sem:** 1

#### ► CTB222 BUSINESS SYSTEMS ANALYSIS

This unit develops basic systems development skills by teaching a methodology and techniques of systems analysis and design. It introduces all the phases of the classical systems development life cycle. The aim is to give students a balanced overview of the process of analysing and designing information systems, while ensuring that students develop the necessary skills to apply the major techniques to simple problems. Emphasis is placed on the practical application of techniques to real-world problems.

**Courses:** IF11

**Prerequisites:** CTB721

**Campus:** CB

**Sem:** 1

#### ► CTB223 CREATING NEW ENTERPRISES

This unit deals with the development of a business plan for the potential launch of student business ideas. It is designed for those individuals interested in creating a new venture or working in industries as employees of venture owners or those that serve this sector. Students build a comprehensive plan of their business concept. Students can progress from this unit to carry out the business plan analysis in the unit MGB218 Venture Skills or advance from MGB218 to undertake this unit.

**Courses:** IF11

**Prerequisites:** 96 credit points of approved studies

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MGB223

**Campus:** CB

**Sem:** 2

#### ► CTB302 CABOOLTURE SPECIAL TOPICS

In this unit, students follow a specialised program agreed to by the academic staff member and the student. It may involve in-depth examination of an issue of importance, supervised work based experience, or the completion of a significant work related project such as a business plan or programming assignment.

**Courses:** IF11

**Prerequisites:** 96cp of approved study and

Course Coordinator's approval

**Credit points:** 12

**Campus:** CB

**Sem:** 2

#### ► CTB334 MANAGING IN A CHANGING ENVIRONMENT

This unit provides students with conceptual and analytic tools required for managing changing environments. The emphasis is on developing an understanding of the management competencies required for managing flexibility, innovation and change. The unit moves beyond a focus on 'dot.com companies' to examine how a range of organisations both small and large are engaging with issues associated with an increasing emphasis on technology.

**Courses:** IF11

**Prerequisites:** CTB212 or 96 credit points of approved study

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MGB334

**Campus:** CB

**Sem:** 1

#### ► CTB335 PROJECT MANAGEMENT

This unit develops knowledge in the areas relating to effective management of projects (as distinct processes). This knowledge is gained by focussing on the central issues of project selection, modelling, planning, control and evaluation. Case study projects are used throughout the unit and are mainly from the services industry sector. The unit seeks to develop 'technical' (tools and techniques) as well as 'people' (behavioural) skills needed for effective management of projects.

**Courses:** IF11

**Prerequisites:** CTB115 and 96 credit points of approved study

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MGB335

**Campus:** CB

**Sem:** 2

#### ► CTB722 WEB APPLICATIONS

This unit provides students with the theoretical and practical skills to construct a web-enabled, interactive media database (IMD). Students are introduced to design elements to create innovative web front ends with the associated security requirements for Internet transaction based systems. Students learn how to build an interactive web site that accesses a database back-end, such as SQL-Server. In addition, students refine their understanding of database modelling and explore and apply new interactive media elements that will enhance such web applications.

**Courses:** IF11 **Prerequisites:** CTB721, CTB225

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CB

**Sem:** 2

#### ► CTB723 INFORMATION ISSUES AND VALUES

Concepts of information and associated information technology create fundamental issues for society, individuals, and their governments. Accordingly, this unit explores the development of the information society concept and policy issues in both public and private organisations as well as in professional bodies such as the Australian Computer Society and Australian Library and Information Association. Representative issues addressed are information ownership, equity in information access, protection of information, Internet censorship and pornography, information overload, and other IT-related issues.

**Courses:** IF11

**Prerequisites:** CTB721

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CB

**Sem:** 2

#### ► CTB724 FUNDAMENTALS OF ENTERPRISE SYSTEMS

This unit presents the Information Systems issues relating to the selection, adoption, implementation and infusion of Enterprise Systems (otherwise known as Enterprise Resource Planning Systems). It introduces the technical architecture of such systems as 3-tiered client server environments. It shows how an integrated complex database environment meets business needs and presents and discusses the Enterprise Systems Lifecycle model, orienting students to the requirements of addressing total cost of ownership, change management requirements and process modelling requirements in order to achieve business benefits. A series of case studies are used to examine each of the problem domains.

**Courses:** IF11

**Prerequisites:** CTB721

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CB

**Sem:** 1

#### ► DBB646 SURVEYING COMPUTATIONS

This unit includes the use of advanced scientific calculators and their application for geometric computations, solution of road and area problems, missing data closes, and simple curve problems. It offers solutions for more difficult problems including the three point problem, interrupted bases and various types of curve problems. It introduces spherical trigonometry, the solution of spherical triangles, and the use of spherical trigonometry to determine position and direction on the Earth's surface from observation to astronomical objects. Practical exercises determine position and direction.

**Courses:** PS47, PS48

**Prerequisites:** PSB424 preferred

**Corequisites:** PSB424

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► DBB656 GLOBAL POSITIONING SYSTEMS

This unit includes the following: concepts and theory of Global Positioning Systems including the space segment, control segment and user segment; satellite signal structures and the importance of precise timing; introduction to global and local coordinate systems and heights; error sources and accuracy in GPS; temporal and spatial variation; mission planning and data collection management; navigation and data collection

techniques; point positioning and analysis; introduction to broadcast differential GPS positioning methods. Practical exercises are conducted in small groups

**Courses:** PS47, PS48 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **DBP401 URBAN DESIGN AND SITE ANALYSIS**

Planning students need to understand the various issues relating to city development as well as learning site planning processes for the development of urban land. This planning unit is designed to assist students develop basic skills of urban and site analysis.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **DBP402 PLANNING PROCESSES**

Graduate students from other disciplines learn how to develop and apply reflexive planning processes applicable to a variety of situations and scales. This involves understanding how land uses are generated and the processes by which they may be planned. The unit examines and explains the logic, role and methods of successive stages of the planning process, from objective formulation, information and resource analysis through policy and strategy development to evaluation, development of proposals and monitoring.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **DBP403 DESIGN COMMUNICATION**

Students entering the course from non-design disciplines require basic skills in graphic communication for use in planning practice and design units. This unit, which is normally taught intensive mode preceding the start of semester, has two elements. Perception and Basic Design includes how and what we see, design vocabulary and comparative models of design. Planning Graphics introduces students to different forms of representation, methods, presentation, visual imagery, and graphic tools for analysis and synthesis.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 3

► **DBP404 ECONOMIC AND SOCIAL FOUNDATIONS OF PLANNING**

This is an introductory unit which deals with the economic, social and technological processes that have shaped and still shape our communities and settlements. Urban and regional planners need to appreciate these processes in order to understand their impacts and to utilise them in planning human settlements.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **DBP406 COMPUTER APPLICATIONS IN PLANNING**

Planning professionals need both a conceptual understanding, and concrete skills, in the application of computers to analyse and interpret digital and spatial information that forms the basis of decision making. Across both government and private sectors, information is communicated within the digital environment, and as the associated technology, software and methods rapidly develop, planners need to possess the necessary computer skills to continue using digital tools effectively.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 3

► **DBP407 ENVIRONMENTAL PLANNING AND MANAGEMENT**

This unit seeks to introduce students to the theories, processes and tools of environmental planning and management. The unit provides the student with a basic understanding of a range of environmental issues and concerns relevant to planning issues and problems. It addresses the broad range of planning decisions that affect the environment.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **DBP408 PLANNING IMPLEMENTATION AND LAW**

Professional competence in planning requires a detailed understanding of the theory and imple-

mentation of planning procedure, planning law and other related legislation. This unit in planning implementation and law is designed to give students basic skills and knowledge of planning law and its associated procedures.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 2

► **DBP409 URBAN PLANNING PRACTICE**

Planners need the skills to understand and analyse local issues and develop plans and strategies to address them. This will involve the preparation of integrated local area plans in consultation with local communities and stakeholders. This unit, normally consisting of a real world project conducted in conjunction with local governments and communities, provides students with these skills of integrated local area planning.

**Courses:** PS70, PS72 **Credit points:** 12  
**Prerequisites:** DBP402 **Sem:** 1  
**Campus:** GP

► **DBP410 RESEARCH METHODS IN PLANNING**

This unit introduces students to the range of research methods available to them as planners and provides a critical format in which they can assess the efficacy and suitability of these methods. It also provides practical experience in using relevant methods and techniques to address current planning issues.

**Courses:** PS70, PS72 **Credit points:** 12  
**Prerequisites:** DBP402 **Sem:** 1  
**Campus:** GP

► **DBP411 COMMUNITY PLANNING**

Planners work with wide range of communities and therefore need to understand and address a diverse range of concerns. This unit applies knowledge and skills acquired elsewhere in the course to help students understand and interrelate a wide range of community concerns including land use and development assessment, employment, human services, environmental quality, urban design, access and culture. In exploring the practices and theories of community planning, particular emphasis is placed on community involvement, consultation and conflict resolution.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **DBP412 PLANNING THEORY AND ETHICS**

Students learn about the conceptual basis to their profession and are inculcated with a sound basis of professional ethics. This unit explores the theoretical underpinnings of urban and regional planning through an investigation of a variety of ideas about planning. It also links ideas about the nature and purpose of planning with ideas about professional ethics. Because it is based on utilising students' previous experience it comes in a later semester of the course.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **DBP413 REGIONAL PLANNING PRACTICE**

This unit provides the opportunity to develop and apply wide-ranging skills of analysis and synthesis in a real world problem-solving situation, linked to policy formulation issues explored in parallel in DBP414. As the second of two practice-focused units, Regional Planning Practice concentrates on the broader regional and metropolitan scales to develop skills in dealing with larger scale, strategic-level planning.

**Courses:** PS70, PS72 **Credit points:** 12  
**Corequisites:** DBP414 **Sem:** 2  
**Campus:** GP

► **DBP414 REGIONAL AND METROPOLITAN POLICY**

Relevant and effective regional and metropolitan policies must draw upon a wide range of knowledge and skills integrating regionalism, demography, economics, human activities, central place theory, regional resource evaluation, social organisation and public administration. These operate and need to be understood at both global and regional scales. The resulting synthesis must be applied within specific regions. In order to achieve this, the unit is designed to focus and

apply material from diverse disciplines and locations to current regional and metropolitan policy issues in South East Queensland.

**Courses:** PS70, PS72 **Credit points:** 12  
**Prerequisites:** DBP402 **Sem:** 2  
**Campus:** GP

► **DBP415 PROFESSIONAL PRACTICE OR RESEARCH PROJECT**

This unit offers students the choice of undertaking a supervised individual research project or a structured period of professional practice. The two are offered in the one unit in order to encourage synthesis between research and professional activities. Both activities allow students to build on and integrate their previous experience. This unit also provides a stepping stone for students continuing on to the Master of Urban and Regional Planning by providing either a first stage to an advanced research project or an introduction to an advanced professional practice project.

**Courses:** PS70, PS72 **Credit points:** 12  
**Prerequisites:** DBP410, DBP409 **Sem:** 1, 2

► **DBP416 ELECTIVE**

This unit enables students to choose an elective from the offerings of any course in QUT or another university, provided that it will enhance learning in the core discipline. Selection requires the approval of the Course Coordinator.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **DBP417 COMPARATIVE PLANNING**

This unit introduces students to the practice of urban and regional planning in specific locations and contexts either through attendance on a field course or at an approved conference.

**Courses:** PS70, PS72 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **DBP501 SPECIALISATION**

This unit enables students to extend their knowledge in areas supporting their main area of practice or research interest. This personalised unit may incorporate study in specific programs offered within the School or from advanced units within QUT or another university, or through specialist guidance by staff in their areas of expertise and approved by the Head of School on the recommendation of their research project supervisor.

**Courses:** PS70 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

► **DBP502 PROFESSIONAL PRACTICE OR RESEARCH DISSERTATION**

This unit is the central element of the Master of Urban and Regional Planning. Because the Masters is intended for students with advanced professional or advanced academic intentions, this unit allows either for professional development through a period of mentored professional practice or research development through supervised individual advanced research. The two are combined into a single unit in order to encourage synthesis between research and professional activities. The unit is an extension of the study completed in DBP415 Professional Practice or Research Project in the Graduate Diploma in Urban and Regional Planning. The unit will normally be linked to the student/staff seminars in DBP503 Masters Seminar.

**Courses:** PS70 **Credit points:** 24  
**Prerequisites:** DBP415 **Sem:** 1, 2  
**Campus:** GP

► **DBP503 MASTERS SEMINAR**

In order to derive full benefit from their advanced studies, Master students need to exchange views on theory and practice with each other and with experienced practitioners and academics. They also need to explore the significance of their studies for issues of major planning significance. This unit provides an integrated forum as a communicative core to the Masters Program, linking individual dissertations and professional practice experience to a wider contemporary context.

**Courses:** PS70 **Credit points:** 12  
**Prerequisites:** DBP502, DBP414 **Sem:** 1  
**Campus:** GP

**► EAB001 EARLY CHILDHOOD FOUNDATIONS 1: HISTORICAL AND COMPARATIVE PERSPECTIVES OF EARLY CHILDHOOD EDUCATION**

This unit examines the historical development of early childhood services in Australia, and explores a range of comparative perspectives on the care and education of young children in different socio-cultural contexts in Australia and in other cultures. To come to understand early childhood education, it is important to consider the evolution of key ideas that have influenced the development of the field over the past 150 years in western societies (Britain, Europe, the United States and Australia). The unit encourages students to reflect critically on the changing beliefs and practices in relation to young children and families in Australia over the twentieth century and to begin to formulate a personal philosophy of early childhood care and education.

**Courses:** ED92, ED82, IF81, IX11

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► EAB002 EARLY CHILDHOOD FOUNDATIONS 2: FAMILIES AND CHILDHOODS IN EARLY CHILDHOOD EDUCATION AND CARE**

Early childhood education and care interface with the lives of children and families in diverse contexts. This unit deals with the social constructions of families and childhoods, the social practices they adopt, and the services in which they participate. An understanding of these conditions is necessary for early childhood educators to teach and lead effectively.

**Courses:** ED92, ED82, IF81, IX11

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EAB351, EAB364  
**Campus:** KG **Sem:** 2

**► EAB003 DEVELOPMENT AND LEARNING IN EARLY CHILDHOOD 1**

This unit examines the major theories, features and processes of early development. The pace and direction of development are shaped by biological predispositions and personal attributes, as well as by the interactions and experiences afforded to the child. Knowledge of contexts, their impact on individual development, and an awareness of the interrelationships between each area of development is necessary in order to develop an understanding of how children think and learn. Early childhood teachers also require a range of skills for observing and analysing behaviour in order to plan and organise educational opportunities in early childhood settings.

**Courses:** ED92, ED82, IX11, IF81, IF83, ED52, ED43

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► EAB004 DEVELOPMENT AND LEARNING EARLY CHILDHOOD 2**

To facilitate learning during early childhood, teachers must have a sound knowledge of the major theories, features and processes of development. The units in the developmental strand are underpinned by sociocultural theory, which takes into account both the psychological and the social mechanisms of development and learning. Development and Learning in Early Childhood will foreground the social mechanisms of learning by discussing children's learning and development in a social context, integrating the social, emotional and cognitive elements of learning. Knowledge of contexts and their impact on development is necessary in order to develop an understanding of how children think and learn.

**Courses:** ED92, ED93, ED82, ED83, IX11

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

**► EAB005 INCLUSION IN EARLY CHILDHOOD SETTINGS**

This unit aims to promote an understanding and valuing of inclusive educational programs and practices for working with young children with special needs in diverse early childhood settings. Students are expected to develop knowledge of behavioural and developmental characteristics presented by young children with specific needs, as well as to understand principles and practices

related to assessment, planning and implementation of educational programs for these children.

**Courses:** ED90, ED91, ED92, ED93, ED82, ED83

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1, 2

**► EAB006 LEADERSHIP AND MANAGEMENT IN EARLY CHILDHOOD SERVICES**

Early childhood settings, including primary schools, operate by using site-based management practices that rely heavily on participation by teachers, staff from all levels of the organisation, and parents. Early childhood teachers need excellent leadership and management strategies to participate effectively in group decision-making for the development of high quality programs and services. They also need an understanding of how management structures impact on programs and service provision. This understanding, together with a high level of personal power, helps individual teachers influence and lead decisions about what happens in early childhood settings.

**Courses:** ED92, ED93, ED83

**Credit points:** 12 **Incompatible with:** EAB413  
**Campus:** EXT **Sem:** 2

**► EAB008 EARLY CHILDHOOD LANGUAGE AND LITERACIES AND COMMUNICATION 1**

This is an introductory unit in which students examine literacies from contemporary perspectives. The focus is on young children's learning literacies in family and community contexts in the years prior to formal schooling. Students will be encouraged to appreciate each child's journey as they encounter a range of multimodal practices that constitute literacies.

**Courses:** ED92, ED82, ED83, ED93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

**► EAB009 EARLY CHILDHOOD LANGUAGE AND LITERACIES AND COMMUNICATION 2**

In this unit, a literacy as social practice approach is examined critically. Students explore matters related to instructional experiences, literacy resources and materials, diversity, and partnerships with children's families. Although print will be the focus in reading and writing instruction, image/graphic text will be a significant consideration, so that literacy practices reflect new and changing ways of operating with texts. Teachers use pedagogies and assessment that provide opportunities for success for all students, particularly those individuals and groups who may perform at lower levels of proficiency.

**Courses:** ED92, ED93, ED82, IX11

**Prerequisites:** EAB008

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

**► EAB010 EARLY CHILDHOOD LANGUAGE AND LITERACIES AND COMMUNICATION 3**

This unit focuses on enabling students to build competencies in planning classroom discourses and learning programs that will enable young children to establish confident use of a repertoire of language, literacy and communications understandings and practices as a basis for ongoing learning and cultural participation.

**Courses:** ED92, ED93, IX11

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

**► EAB011 EARLY CHILDHOOD CURRICULUM: ARTS 1**

We are surrounded by visual images, in many cases much more powerful than any other form of communication. It is important that we are aware of how these images are working on us, and for that, we need to be visually literate. Childhood cultures are made up of interwoven narratives and commodities. The arts enable young children to give form to thought, to develop multiliteracies for exploring and expressing ideas and feelings through representation. This unit examines the characteristic features of the early childhood arts curriculum, its philosophical and theoretical underpinnings, beliefs about the

nature of the learner, the child/teacher relationship, and the educational process.

**Courses:** ED92, ED93, ED82, ED83, IX11

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1, 2

**► EAB012 EARLY CHILDHOOD CURRICULUM: ARTS 2**

Relevant theories, principles and philosophies are presented and analysed as a basis for developing appropriate teaching strategies for a quality arts program in the early years. Desired outcomes will be achieved through descriptive, interpretive, analytic and expressive processes and shared knowledge between students and staff.

**Courses:** ED92, ED82

**Credit points:** 12

**Campus:** KG

**Sem:** 1, 2

**► EAB013 EARLY CHILDHOOD SOCIETY, ENVIRONMENT AND HEALTH EDUCATION**

This unit promotes a broad view of science. However, that includes the social sciences, health and environmental perspectives. Appropriate curriculum approaches that support a broader, more integrated view of science is a key goal. Through this unit, students should achieve the following: develop a deepening of their own understandings of concepts pertinent to science, studies of society and environment, and health; learn to critique and broaden their views of science; understand a range of appropriate inquiry-based approaches relevant to these areas; learn to apply these approaches to facilitate young children's learning in the sciences.

**Courses:** ED92, ED93, ED82, ED83, IX11

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

**► EAB014 EARLY CHILDHOOD MATHEMATICS EDUCATION**

It is essential that children aged birth to 8 years are provided with opportunities to develop their abilities and interests by inquiring into the sciences and maths to learn more about themselves and their world. Maths concepts such as space, time, money and measurement provide an integrative framework for teaching and learning about science and social studies through everyday contexts. Appropriate teacher actions include encouraging children as explorers, problem solvers and meaning makers. The roles of early childhood teachers encompass the provision of flexible and stimulating learning environments as well as fostering children's understanding of science, maths and technology concepts. This unit support these ideals.

**Courses:** ED53, ED43, ED44, ED57, IF81, IX11

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EAB347

**Campus:** EXT

**Sem:** 1, 3

**► EAB015 EARLY CHILDHOOD SCIENCE AND INFORMATION AND COMMUNICATION TECHNOLOGIES EDUCATION**

It is essential that children are provided with opportunities to develop their abilities and interests by using a variety of learning modes and that children have opportunities to develop concepts that are foundational to understanding in mathematics, and which form the basis of learning in all curriculum areas. Students require understanding of how children apply active inquiry processes to tasks designed to further concept development in mathematics. This unit will engage them in learning about foundational concepts in mathematics and exploring ways in which teachers can develop appropriate learning opportunities to encourage and foster their development.

**Courses:** ED92, ED93, IX11

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► EAB016 RESEARCH IN EARLY CHILDHOOD EDUCATION**

This unit aims to foster critical understanding of research with young children. The unit will provide opportunities for students to become a life-long learners and effective communicators

**Courses:** ED92

**Credit points:** 12

**Campus:** KG

**Sem:** 1

**► EAB017 INTEGRATED EARLY CHILDHOOD CURRICULUM**

This unit involves students drawing together and analysing information from a variety of disciplines and historical perspectives with a view to developing an understanding and knowledge that will provide them with a basis for creating and evaluating an integrated curriculum in early childhood settings.

**Courses:** ED92, ED93, ED82, ED83

**Credit points:** 12 **Incompatible with:** EAB412

**Campus:** KG

**Sem:** 2

**► EAB019 PROGRAMS FOR INFANTS & TODDLERS (BIRTH TO THREE YEARS)**

This unit focuses on our youngest children in formalised care settings. It is aimed at ensuring that students have both the reason for and the capability to benchmark high quality care and education of under 3s. The unit also supports student's capacity to design, implement and/or supervise high quality programs for very young children.

**Courses:** ED82

**Credit points:** 12

**Campus:** KG

**Sem:** 1

**► EAB021 EARLY CHILDHOOD HEALTH AND NUTRITION**

There is concern in the community about the general health of young children. Therefore it is important for students to understand current health policies and practices for various early childhood education settings. This includes the daily food needs of young children and how to provide appropriate everyday food education and social food experiences. The unit provides students with the knowledge to lead, plan, implement, and evaluate health practices in services and to balance the nutritional needs of individual children. Personal health and health practices including preventative strategies are addressed.

**Courses:** ED82, ED91

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 2

**► EAB022 EARLY CHILDHOOD SCIENCE EDUCATION**

This unit examines the importance of developing children's creativity, curiosity, problems solving skills and sense of wonder and appreciation of the environment, in the exploration of science. The unit focuses on the different approaches to teaching science and the development of positive attitudes for life long learning while taking into account children's cultural and diverse backgrounds.

**Courses:** ED90, ED91, ED92, ED82

**Credit points:** 12

**Campus:** KG

**Sem:** 2

**► EAB023 MATHEMATICAL EXPLORATIONS IN EARLY CHILDHOOD**

Mathematics is considered to be an essential learning area in the early childhood curriculum, as preparation for life, work and critical participation in society. Mathematics can also provide personal enjoyment.

**Courses:** ED91, ED92, ED82, ED90

**Credit points:** 12

**Campus:** KG

**► EAB024 SOCIOLOGY OF EARLY CHILDHOOD MATHEMATICS EDUCATION**

The aim of this unit is to develop a critical awareness of the ways in which teaching and learning in mathematics education can affect the achievement of some students over others and be implicated in issues of social and cultural reproduction and transformation. Therefore, this unit is concerned with equity and diversity in the teaching and learning of mathematics in communities of practice like early childhood contexts. Issues focused on in this unit include, language, assessment, communication, pedagogy and policy.

**Courses:** ED91, ED92, ED82, ED90

**Credit points:** 12

**Campus:** KG

**► EAB025 EARLY CHILDHOOD MATHEMATICS EDUCATION 2**

As a result of successful participation and completion of this unit students will have an understanding of the pedagogical practices which inform the teaching and learning of mathematics

in early childhood contexts. Similarly, they will have a sound understanding of the knowledge, skills and processes required to support learners in the early years of schooling.

**Courses:** ED92, ED93, ED83, ED82

**Credit points:** 12

**Campus:** KG

**Sem:** 2

**► EAB026 EARLY CHILDHOOD COMMUNITY ARTS PROJECT**

This unit has a focus on pedagogies, planning and assessment within the curriculum organisers of the New Basics, the Preschool Curriculum Guidelines and the key learning areas. It aims to increase knowledge and understanding of how curriculum organisers and outcomes can be used to plan intellectually challenging curricula for young children.

**Courses:** ED92

**Credit points:** 12

**Campus:** KG

**► EAB027 EARLY CHILDHOOD MATHEMATICS EDUCATION 1: BIRTH TO SIX YEARS**

This unit aims to develop concepts that are foundational to understandings in early childhood mathematics, and to generally enhance students' understandings, attitudes, values and skills in relation to early childhood mathematics, supported by concrete materials and computer environments. This unit will also investigate teaching methods and key sequences for developing concepts and skills for number, space, measurement, chance and data, and patterns and algebra.

**Courses:** ED92, ED82, ED93, ED83

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1, 2

**► EAB028 EARLY CHILDHOOD MATHEMATICS 2: FOUR TO 8 YEARS**

Children's successful participation in mathematical contexts is mediated by the effectiveness of a teacher's pedagogical practice, understandings of how learners learn, and knowledge and understanding of mathematics. This unit aims to develop an understanding of the pedagogical practices which inform the teaching and learning of mathematics in early childhood contexts, in particular, a sound understanding of the knowledge, skills and processes required to support learners in the early years of schooling.

**Courses:** ED92, ED93, ED83, ED82

**Credit points:** 12

**Campus:** KG, EXT

**► EAB130 NEGOTIATING CURRICULUM WITH YOUNG CHILDREN**

This unit provides a sound understanding of the key concepts which underpin early childhood education, in relation to childcare, preschool, prep and lower primary settings. Students begin to learn along with a community of learners, and make links between research, theory and practice, each informing the other.

**Courses:** ED97, IX11

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

**► EAB131 EARLY CHILDHOOD LITERACIES AND YOUNG CHILDREN 1**

This unit examines literacy from contemporary perspectives and introduces the view of literacy as a repertoire of contextualised social practices. The focus is on the years prior to formal schooling.

**Courses:** ED97, IX11

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

**► EAB132 EARLY CHILDHOOD LITERACIES AND YOUNG CHILDREN 2**

This unit helps students to understand early reading and writing processes in the print medium, as well as multi-media. They learn to use the framework of four literacy practices: code-breaker, text-participant, text-user and text-analyst to explore operational, cultural and critical dimensions of literacy.

**Courses:** ED97, IX11

**Credit points:** 12

**Prerequisites:** EAB131

**Campus:** KG, EXT

**Sem:** 2

**► EAB133 EARLY CHILDHOOD CURRICULUM: LEARNING AND THE ARTS**

This unit introduces the concepts, skills, processes and values of the arts in early childhood

education. An understanding of historical and contemporary views of appropriate practice in early childhood visual arts education provides a foundation for further investigations in the arts and early childhood curriculum.

**Courses:** ED97, IX11

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

**► EAB134 EARLY CHILDHOOD CURRICULUM: SOSE AND HEALTH**

This unit broadens and deepens students' understandings of key concepts that are foundational to social, environmental, health and physical education in the early childhood years, birth to 8 years. Allied with this conceptual understanding is the development of appropriate teaching and learning approaches that support young children as proactive learners.

**Courses:** ED97, IX11

**Credit points:** 12

**Campus:** KG, EXT

**► EAB135 EARLY CHILDHOOD CURRICULUM: MATHEMATICS AND YOUNG CHILDREN**

This unit develops concepts that are foundational to understandings in early childhood mathematics, and to generally enhance students' understandings, attitudes, values, and skills in relation to early childhood mathematics.

**Courses:** ED97, IX11

**Credit points:** 12

**Campus:** KG, EXT

**► EAB136 EARLY CHILDHOOD CURRICULUM: SCIENCE AND TECHNOLOGY**

The aim of this unit is to enhance students' understanding about and increase their commitment to the importance of science and technology education for young children. It also improves their understandings, attitudes, values and skills in relation to early childhood science and technology education.

**Courses:** ED97, IX11

**Credit points:** 12

**Campus:** KG, EXT

**► EAB345 EARLY CHILDHOOD CURRICULUM: LANGUAGE EDUCATION**

This unit addresses the following: pertinent theories and research in language and literacy education for children in early childhood settings; development of specific teaching and interactive practices for working with children's development of literacy, and for teaching reading and writing; planning appropriate learning environments using a wide range of literary and other resources; introduction to English syllabus.

**Courses:** ED43, ED44, ED52, ED53, ED57, IF81, IF83

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 3

**► EAB346 EARLY CHILDHOOD CURRICULUM: SCIENCE, SOCIETY AND THE ENVIRONMENT**

Students deepen their understanding of concepts pertinent to science, studies of society and environment, and health. They also learn to critique and broaden their views of science, and understand a range of appropriate inquiry-based approaches relevant to these areas, and to apply these approaches to learning in the sciences for young children.

**Courses:** ED26, ED43, ED44, ED52, ED53, ED57, IF81, IF83

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1, 2, 3

**► EAB349 ADVANCED EARLY CHILDHOOD CURRICULUM: ARTS**

This unit includes the following: application of principles, practices, philosophies and theories in the areas of music, drama, movement and dance, with specific emphasis on how these arts provide unique opportunities for knowing and understanding; assisting children's development through music, dance and drama in preschool and primary school early childhood settings; integration of the arts in relation to unique and shared elements and concepts across various domains; advocacy in the arts.

**Courses:** ED43, ED52 **Prerequisites:** EAB348

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1, 2



**► EAB361 STORYTELLING IN EARLY CHILDHOOD**

A major consideration for the teacher of early childhood is to provide children with rich experiences of 'storying'. This unit introduces students to the following: the value of storytelling with young children; the selection of appropriate children's literature suitable for storytelling; various storytelling strategies in terms of their impact on a young audience; the use of appropriate props for storytelling; ways of integrating storytelling across the curriculum.

**Courses:** ED43, ED47, ED52, ED91, ED82, ED92

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

**► EAB362 ETHICAL RESPONSIBILITIES IN EARLY CHILDHOOD**

This unit includes the following: in-depth examination of ethical responsibilities of early childhood educators; historical overview of changing trends in legislation and practice relating to young children; current issues in children's rights; professional ethics and the responsibility of early childhood educators to children, parents, the community, society, colleagues and the profession; advocacy for young children; case studies relating to children's rights and ethical dilemmas.

**Courses:** ED43, ED52

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**► EAB363 CREATING CURRICULUM WITH YOUNG CHILDREN**

In this unit, more encompassing concepts of curriculum for young children will be considered in the light of theories and research that suggest that children construct their own knowledge. Ways in which teachers and children can work together in creating a curriculum that is meaningful while meeting the expectations of parents and society in relation to childcare, kindergarten/preschool and lower primary settings are considered. Practical strategies for creating supportive learning environments and methods for evaluating teaching and learning are included.

**Courses:** ED43, ED47, ED52, ED90, ED91, ED82

**Credit points:** 12

**Campus:** KG **Sem:** 2

**► EAB364 ACADEMIC AND PROFESSIONAL COMMUNICATION**

This unit includes the following: the development of an understanding of the general processes of communication in an academic and professional contexts; application of information literacy skills to a range of print and electronic sources; conventions for communicating using a range of academic text-types using print and electronic media; key concepts relating to the study topic: Families in Context.

**Courses:** ED44, ED52, ED53, ED82, ED83, ED93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2, 3

**► EAB410 EARLY EDUCATION: DECIDING THE CURRICULUM**

This unit includes the following: features of curriculum decision making in child care centres, kindergartens, first years of school; focus on processes used to create curriculum that is responsive to young children's abilities and family aspirations; issues associated with multi-age grouping, play, parent partnerships, child study and shared ownership in learning; investigation of current practices and reflection on personal professional knowledge.

**Courses:** ED20, ED26

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** EXT **Sem:** 2

**► EAB412 ADVANCED INTEGRATED EARLY CHILDHOOD CURRICULUM**

This unit includes the following: examination of key ideas informing holistic curriculum approaches; theories and practices associated with play in the curriculum in all early childhood settings, and particularly the lower primary school; implications of implementing an inclusive curriculum; issues of equity and social jus-

tice reviewed in relation to the transacting the curriculum in early childhood settings; critical analysis of approaches to designing curriculum for the expanding range of services for young children and families in Australia.

**Courses:** ED43, ED52, ED53

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** EAB017

**Campus:** KG, EXT **Sem:** 1, 2

**► EAB413 MANAGEMENT OF EARLY CHILDHOOD SERVICES**

This unit includes the following: general management theory and practice; organisational and leadership styles; management of various early childhood services; setting policies and planning for services; implementing day-to-day tasks and operations; managing and working with people; collective and collaborative approaches to management; teamwork and decision-making; ethical issues and conduct; advocacy of early childhood services for young children from all cultural and social contexts.

**Courses:** ED20, ED43, ED44, ED52, ED53, ED57, IF81, IF83

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EAB006

**Campus:** KG, EXT **Sem:** 1, 2, 3

**► EAB416 EARLY CHILDHOOD ART EDUCATION**

This unit includes the following: historical and contemporary trends in art education; philosophy and practice in early childhood visual arts education; in-depth exploration of young children's artistic development and learning; assessment and evaluation of visual arts in early childhood; methods of reporting and record-keeping; studio art experiences; curating children's art exhibitions; public information about children's artistry; advocacy for improving options for young children in the visual arts.

**Courses:** ED43, ED52, ED47, ED91, ED82, ED90, ED92

**Prerequisites:** EAB348

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

**► EAB422 INFORMATION AND COMMUNICATION TECHNOLOGIES AND THE YOUNG CHILD**

This unit includes the following: selection, use and critical evaluation of computers and associated software, and related technologies in early childhood programs, linking technology and problem-solving; applications and use of computers and associated software for language, number and problem-solving; creating teaching materials.

**Courses:** ED43, ED52, ED90, ED91, ED82

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

**► EAB440 WORKING WITH PARENTS AND COMMUNITY**

This unit includes the following: parental roles in childhood; review of research on child rearing; the use of interpersonal skills in relating to parents; planning for parent involvement; parent involvement approaches; resources for parents; meeting the needs of parents and programs; future trends.

**Courses:** ED20, ED26

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** EXT **Sem:** 2

**► EAB444 INCLUSIVE PRACTICES IN EARLY CHILDHOOD**

This unit focuses on young children with special needs and how their needs, and those of their families, can be met within early childhood programs. There is extensive community and professional concern for the inclusion of children with disabilities into regular early childhood settings, as well as interest in educational provisions for children with specific abilities. Teachers need to develop positive attitudes towards including children with special needs in their programs and the confidence to provide meaningful educational experiences.

**Courses:** ED20, ED44, ED52, ED53, ED57, IF81

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EAB005

**Campus:** KG, EXT

**Sem:** 1, 2, 3

**► EAB445 APPLIED STUDIES OF CHILDREN IN EARLY CHILDHOOD CONTEXTS**

This unit includes the following: synthesis of individual student's knowledge from the previous foundation units; development of skills in preparation and conduct of debates and case study reporting; children with special needs; social, personal, and professional issues in the provision of early childhood education and services.

**Courses:** ED53

**Prerequisites:** EAB442, EAB443, EAB444

**Corequisites:** EAB444

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** EXT **Sem:** 2

**► EAN601 INVESTIGATING CURRICULUM AND PEDAGOGY IN EARLY CHILDHOOD**

The aims for this unit are to assist students in developing a critically-informed and research-based understanding of the current issues that are under scrutiny in the field of Early Childhood Education. Recognition and appreciation of gender, culture and customs are essential to the consideration of the issues, and students will make active contributions to promoting codes of practice relevant to the specific professional area of education/learning.

**Courses:** ED09, ED13, ED11, ED61

**Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2

**► EAN603 CHILD DEVELOPMENT IN CONTEXT**

The aim of the unit is to foster critical understanding of current developmental theory, the conduct of developmental research and the application of research findings to practice in early childhood education and other fields in which professionals work with children and families.

**Courses:** ED09, ED13, ED11 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 2

**► EAN604 CHILDREN, FAMILIES AND COMMUNITIES**

Critical understandings drawn from a range of theoretical perspectives serve to critique research and policy around children, families and communities.

**Courses:** ED09, ED13, ED11 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1

**► EAN608 CONSTRUCTIONS OF CHILDHOOD AND EARLY EDUCATION**

The unit aims to equip students to use sociological theoretical perspectives to constructively and critically examine childhood and early education ideas and practices.

**Courses:** ED09, ED13, ED11 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 3

**► EAN614 ARTS AND SCIENCES IN EARLY CHILDHOOD**

The unit challenges students, as leaders in early childhood teaching and learning, to interrogate a broad range of ideas, principles and guidelines to assist them in making decisions about curriculum in the arts and sciences. It challenges students to engage with trans-disciplinary and cross-disciplinary knowledge and innovation.

**Courses:** ED09, ED61, ED13 **Credit points:** 12

**Campus:** EXT **Sem:** 1

**► EAN615 MATHEMATICS IN EARLY CHILDHOOD**

This unit aims to develop a sound understanding of the theories which inform early childhood mathematics and the teaching and learning of mathematics. Students develop a broad knowledge of mathematical content specifically for early childhood contexts.

**Courses:** ED09, ED61, ED13 **Credit points:** 12

**Campus:** EXT **Sem:** 2

**► EAN616 LANGUAGE, LITERACIES AND COMMUNICATION IN EARLY CHILDHOOD**

The focus of this unit is to help students to understand recent research-based practices for literacy learning and teaching in the years before compulsory schooling and the early schools years. Emphasis is placed on a broad definition of literacy

that highlights the importance of all children becoming active participants in society and of knowing and engaging in a range of literacy practices, rather than just learning a set of reading and writing 'skills'.

**Courses:** ED09, ED61, ED13 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

► **EAP533 CHANGE IN CHILDREN:  
BIRTH TO EIGHT YEARS**

This unit includes the following: techniques for observing and analysing child behaviour and development; major theories of child development; cognitive, language, social, physical and emotional development in children to age eight.

**Courses:** ED20, ED44, ED53 **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

► **EAP534 CURRICULUM IN EARLY  
CHILDHOOD 1**

This unit includes the following: the development of problem solving, explanation, investigation, self-expression, originality, divergent thinking and risk-taking in young children in relation to communication, movement, the expressive arts, mathematics, science, social studies and health curriculum; approaches and suitable materials for these curriculum areas within early childhood settings; analysis of teaching strategies.

**Courses:** ED20 **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

► **EAP535 CURRICULUM IN EARLY  
CHILDHOOD 2**

This unit includes the following: planning and evaluating early childhood programs for children birth to eight years; organisation and administration of programs for young children; examination of approaches to teaching; early intervention programs; interdisciplinary teamwork and support services; strategies for working with parents and community agencies; professional behaviour and ethics.

**Courses:** ED20  
**Corequisites:** EAP534 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

► **EAP536 CURRICULUM IN EARLY  
CHILDHOOD 3**

This unit includes the following: current approaches to the teaching of literacy and numeracy in the early years; diagnosis and assessment in early literacy and numeracy; the expressive arts and the sciences as modes of learning and teaching in the early years; applications of technology with young children; planning and teaching for individual and group needs.

**Courses:** ED20 ED52  
**Prerequisites:** EAP534, EAP535  
**Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 3

► **EAP537 CONTEXTS OF EARLY  
CHILDHOOD EDUCATION**

This unit examines the bases and scope of education in early childhood, and the role of psychological theories, curriculum models, policies and programs. Case studies of early childhood programs are used.

**Courses:** ED20 **Credit points:** 12  
**Campus:** EXT **Sem:** 1

► **EAP539 TRANSACTIONS IN EARLY  
CHILDHOOD EDUCATION**

This unit includes the following: examination of the implications of social, cultural and geographical factors for early childhood education; consideration of the effects of technology and media, and ethical and legal obligations; analysis of procedures and techniques for case studies; formulating a personal philosophical statement.

**Courses:** ED20 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

► **EDB001 TEACHING AND LEARNING  
STUDIES 1: TEACHING IN NEW TIMES**

Teaching today is being practised in a changing world. New forms of culture and society have emerged in recent decades alongside new and more globalised diagrams of economy, power and government. Schooling and education in all domains are being affected by these shifts and transformations. Educational sites, for instance, are becoming more differentiated and enterprising; learners themselves increasingly more di-

verse, active and autonomous. Teaching in New Times challenges students, in the early stages of their course, to develop an insightful and research-based conceptual framework, drawn from social theory and cultural studies, so that they may respond to these transformations in an informed, ethical and professional manner.

**Courses:** ED51, ED52, ED55, ED56, ED57, ED90, ED91, ED92, IF79, IX09, IX11

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** CLB305

**Campus:** CB, KG, EXT **Sem:** 1, 2

► **EDB002 TEACHING AND LEARNING  
STUDIES 2: DEVELOPMENT AND  
LEARNING**

This unit has the dual purposes of promoting students' own personal and professional development as life long, creative, autonomous learners, capable of reflection and high level thinking, and of enabling them, as educators, to promote similar development in their learners. Pursuit of these aims will involve an exploration of human development, from personal and interpersonal perspectives, with sensitivity to socio-cultural contexts, and with a particular focus on the theory, research and practice that informs educators about how learners construct knowledge and become creative, self-motivated thinkers and problem solvers.

**Courses:** ED90, ED91, IX01-IX09

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** SPB001

**Campus:** CB, KG **Sem:** 1

► **EDB003 TEACHING AND LEARNING  
STUDIES 3: PRACTISING EDUCATION**

Education is a social and cultural activity. This unit provides a sociological and cultural studies' framework that provides an insightful explanation of how education in its various sites is constructed and organised. The unit includes a socio-cultural analysis of an educational site which will be undertaken in conjunction with the Field Studies unit.

**Courses:** ED90, ED91, ED92, ED93, IX01-IX09, IX12, IX14

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** CLB306

**Campus:** KG **Sem:** 2

► **EDB004 TEACHING AND LEARNING  
STUDIES 4: INCLUSIVE EDUCATION**

This unit aims to develop students' understanding and appreciation of the contributions that diversity, belonging, and trust make towards a quality learning environment for all learners. Students learn to engage in teaching a broad range of students in diverse and inclusive ways utilising pedagogies and curriculum practices that enhance learning for all students and generate inclusive cultures within the school and classroom settings. Desired outcomes are achieved through descriptive, interpretative, analytic and expressive processes to share learning with fellow students and staff.

**Courses:** ED90, ED91, ED92, IX01-IX09

**Credit points:** 12 **Campus:** KG

► **EDB005 TEACHING AND LEARNING  
STUDIES 5: PROFESSIONAL WORK OF  
TEACHERS**

In this unit, students share the responsibility for shaping their beginning career learning through a process of professional induction with a number of key stakeholders. The process will be proactive, collaborative and self determined and the students need to become professionally responsible for developing professional development programs that best accommodate their needs at the close of the teacher education program.

**Courses:** ED90, ED91, IX01-IX09

**Credit points:** 12 **Campus:** KG

► **EDB006 LEARNING NETWORKS**

This unit explores the concept of learning networks: interacting social and technical systems that lead to collective sense-making and knowledge construction. Topics include the nature and use of Information and Communication Technologies (ICTs), learning theories and technologies, and socio-technical practices in learning networks.

**Courses:** ED47, ED90, ED91, ED92, ED82, IF70-79, IF81, IF82, ED51, ED55

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MDB385, CLB341

**Campus:** KG, CB **Sem:** 1

► **EDB007 CULTURE STUDIES:  
INDIGENOUS EDUCATION**

Numerous government reports and recent discussions about reconciliation have called for an increased commitment to indigenous education in Australia. Teachers are increasingly being asked to improve their skill, knowledge and understanding to teach indigenous students, and to teach curricula which incorporate indigenous viewpoints on social, cultural and historical matters. This unit begins with an analysis of the student's own cultural place in the Australian context, and afterwards moves towards an understanding of Aboriginal and Torres Strait Islander perspectives on history and contemporary issues, and an understanding of why Aboriginal and Torres Strait Islander students have been so disadvantaged by the Australian education system.

**Courses:** ED90, ED91, ED92, ED93, ED82, IX01-IX09, ED51

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, CB **Sem:** 2

► **EDB011 EARLY CHILDHOOD FIELD  
STUDIES 1: DEVELOPMENT AND  
LEARNING IN THE FIELD**

This unit focuses on students' professional development as educators, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, in a graduated sequence over the course of the BED. In these, students develop the ability to plan, implement and evaluate effective teaching/learning programs in a wide range of settings for children aged from birth to eight years. In this unit of the professional practices strand, students have opportunities to undertake activities designed to help them refine an increasing number of strategies for teaching and working collaboratively with children and their parents, and with other professional colleagues.

**Courses:** ED92, ED83, IF81, ED57, ED52, ED53, ED43, ED82, ED93

**Contact hours:** 20 days of supervised field experiences in before-school setting

**Credit points:** 12 **Incompatible with:** EDB422  
**Campus:** KG, EXT **Sem:** 1

► **EDB012 EARLY CHILDHOOD FIELD  
STUDIES 2: PRACTISING EDUCATION  
IN THE FIELD**

This unit focuses on student's professional development as educators, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the second set of teaching experiences, in a graduated sequence over the course of the BED. In this unit of the professional practices strand, students focus upon program planning and implementation in settings for children in lower primary, with an emphasis upon the development of knowledge of relevant policies and resources in curriculum provision. An emphasis will be maintained on understanding Early Childhood approaches to curriculum.

**Courses:** ED92, ED93, ED52, ED57, IF81, IF82  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EDB421  
**Campus:** KG, EXT **Sem:** 1, 2

► **EDB013 EARLY CHILDHOOD FIELD  
STUDIES 3: IMMERSION IN  
INCLUSIVE EDUCATIONAL  
PRACTICES**

This unit develops professional support relationships that early childhood practitioners must provide for all children and their families, and an awareness of the need for the teacher to work as a member of the community and as a partner with parents and other colleagues.

**Courses:** ED92, ED82, ED57 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1



► **EDB014 EARLY CHILDHOOD FIELD STUDIES 4: PROFESSIONAL WORK OF TEACHERS - INDUCTION INTO THE FIELD**

This final early childhood practice unit is designed to provide a means of transition from the role of the tertiary student to that of a professional early childhood practitioner who is able to work across diverse settings. Students are encouraged to engage in reflection about their professional development and their future career paths and options.

**Courses:** ED92, ED93, ED82, IF81, ED57  
**Credit points:** 12 **Incompatible with:** EDB423  
**Campus:** KG, EXT

► **EDB015 INTERNSHIP (EARLY CHILDHOOD)**

This unit aims to induct the student into the professional work of teachers. The aim of this unit is for students to apply the knowledge, skills and understandings of teaching and learning that have been acquired throughout the course in an extended time in the workplace.

**Courses:** ED92, ED93 **Prerequisites:** EDB014  
**Credit points:** 12 **Campus:** KG, EXT

► **EDB016 EARLY CHILDHOOD PRACTICUM (CHILD CARE)**

This practicum unit is aimed at providing an initial experience in care and supervision in a child care setting. Students are encouraged to adopt a responsive approach in their work with children and adults. Students will undertake 20 days of Field Studies in a child care setting.

**Courses:** ED82  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **EDB021 PRIMARY FIELD STUDIES 1: DEVELOPMENT AND LEARNING IN THE FIELD**

This unit focuses on the students' professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, of a graduated sequence over the course of the BED. In these, students develop the ability to plan, implement and evaluate effective teaching/learning programs. This requires an understanding of learner needs, curriculum knowledge, procedures for creating supportive classroom environments, and sensitivity to socio-cultural contexts.

**Courses:** ED91, IX12, IX14  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CB, KG **Sem:** 1

► **EDB022 PRIMARY FIELD STUDIES 2: PRACTISING EDUCATION IN THE FIELD**

Through critical examination of the socio-cultural dimensions of these sites, this unit aims to utilise aspects of social enquiry to analyse the practice of teaching as a social and cultural activity. The unit also aims to develop students' pedagogical and curriculum skills as teachers.

**Courses:** ED91 **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **EDB023 PRIMARY FIELD STUDIES 3: IMMERSION IN INCLUSIVE EDUCATIONAL PRACTICES**

In the final year of teacher education, students will actively engage with the challenges and practices of inclusive education in the classroom and the broader educational setting. This field experience is designed for students to engage in teaching, learning and assessment practices in their field, interacting with individual students, small groups of students and whole class situations. Students will be required to design, implement and evaluate differentiated teaching strategies, programs and assessment tasks in inclusive and critically reflective ways and in a manner that is responsive to the diverse nature of the students in their classes.

**Courses:** ED91 **Credit points:** 12  
**Campus:** KG

► **EDB024 PRIMARY FIELD STUDIES 4: PROFESSIONAL WORK OF TEACHERS - INDUCTION INTO THE FIELD**

Learners remain central to the work of teams and must be recognised as culturally and socially diverse as well as intellectually diverse. Within these constructs, the graduating teachers are required to provide a range of educational opportunities that facilitate high quality and meaningful learning engagement for all students across differing educational contexts and sectors. This unit is designed to immerse fully pre-service teachers into the field with a view to scaffolding their repositioning as autonomous, critically reflective, inclusive professional teachers on completion.

**Courses:** ED91 **Credit points:** 12  
**Campus:** KG

► **EDB025 INTERNSHIP (PRIMARY)**

This unit aims to induct the student into the professional work of teachers. The aim of this unit is for the student to apply the knowledge, skills and understandings of teaching and learning that have been acquired throughout the course in an extended time in the workplace.

**Courses:** ED91 **Prerequisites:** EDB024  
**Credit points:** 12 **Campus:** KG

► **EDB031 SECONDARY FIELD STUDIES 1: DEVELOPMENT AND LEARNING IN THE FIELD**

This unit focuses on the students' professional development as educators, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, of a graduated sequence over the course of the BED. In these, students develop the ability to plan, implement and evaluate effective teaching/learning programs. This requires an understanding of learner needs, curriculum knowledge, procedures for creating supportive classroom environments, and sensitivity to socio-cultural contexts.

**Courses:** ED90, IX01-IX09  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

► **EDB032 SECONDARY FIELD STUDIES 2: PRACTISING EDUCATION IN THE FIELD**

Through critical examination of the socio-cultural dimensions of these sites, this unit aims to utilise aspects of social enquiry to analyse the practice of teaching as a social and cultural activity. At the same time, the unit aims to develop students' pedagogical and curriculum skills as teachers.

**Courses:** ED90, IX01-IX09 **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **EDB033 SECONDARY FIELD STUDIES 3: IMMERSION IN INCLUSIVE EDUCATIONAL PRACTICES**

Students are required to design, implement and evaluate differentiated teaching strategies, programs and assessment tasks in inclusive and critically reflective ways and in a manner that is responsive to the diverse nature of the students in their classes. Students are required to argue that their orientations to curriculum, teaching and assessment reflect practices that offer all students access to quality learning experiences.

**Courses:** ED90, IX01-IX09  
**Prerequisites:** EDB032 **Credit points:** 12  
**Campus:** KG

► **EDB034 SECONDARY FIELD STUDIES 4: PROFESSIONAL WORK OF TEACHERS - INDUCTION INTO THE FIELD**

This unit is designed to immerse fully pre-service teachers into the field with a view to scaffolding their repositioning as an autonomous, critically reflective, inclusive professional teachers on completion.

**Courses:** ED90, IX01-IX09  
**Prerequisites:** EDB033 **Credit points:** 12  
**Campus:** KG

► **EDB035 INTERNSHIP (SECONDARY)**

This unit aims to induct the students into the professional work of teachers. The aim of this unit is for them to apply the knowledge, skills and understandings of teaching and learning that they have acquired throughout the course in an extended time in the workplace.

**Courses:** ED90, IX01-IX09

**Prerequisites:** EDB034 **Credit points:** 12  
**Campus:** KG

► **EDB101 PROFESSIONAL FOUNDATIONS FOR LEARNING FACILITATION 1**

This unit will allow students to examine their learning preferences and reflect on how these preferences may influence positively and negatively their own personal and professional development and that of the clients with whom they work. Students are introduced to their legal obligations in designing and conducting learning experiences.

**Courses:** ED84 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

► **EDB102 PROFESSIONAL FOUNDATIONS FOR LEARNING FACILITATION 2**

This unit provides opportunities for students to develop understandings of the importance of the underlying processes (such as group dynamics) in learning situations and to have practical experiences in managing these processes.

**Courses:** ED84 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **EDB103 ADULT AND COMMUNITY LEARNING: PROFESSIONAL PROJECT 1**

In this unit, students are able to transfer the skills, knowledge and attitudes they have been developing through their study in the Bachelor of Adult and Community Learning to a professional work site or context. They will develop appropriate risk management strategies for their professional project.

**Courses:** ED84  
**Credit points:** 12  
**Campus:** KG

► **EDB104 ADULT AND COMMUNITY LEARNING: PROFESSIONAL PROJECT 2**

Students continue to transfer the skills, knowledge and attitudes they have been developing through their study in the Bachelor of Adult and Community Learning to a professional work site or context.

**Courses:** ED84 **Credit points:** 12  
**Campus:** KG

► **EDB200 INSIGHTS INTO EARLY CHILDHOOD DEVELOPMENT**

The unit aims to develop knowledge and understanding of early childhood development with a focus on children's thinking and communicating in a social context.

**Courses:** ED97, IX11 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

► **EDB201 ENGAGING IN LEARNING**

Increasingly rich and complex opportunities are offered to today's learners to engage in personal, social and technological approaches to knowledge construction. This unit considers them.

**Courses:** ED95, ED96, IX12, IX14  
**Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

► **EDB202 TEACHING IN A KNOWLEDGE SOCIETY**

This unit builds professional capacity by developing a socio-cultural studies framework for understanding and analysing teaching, schooling and education in today's knowledge society.

**Courses:** ED95, ED96, ED97, IX11, IX12, IX14  
**Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

► **EDB203 INCLUSIVITY IN EDUCATIONAL PRACTICE**

This unit engages the student in an investigation of the international nature of inclusion and trends that address socio-cultural issues through quality educational experiences.

**Courses:** ED95 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **EDB204 THE PROFESSIONAL WORK OF EDUCATORS**

This unit facilitates the process of induction within an educational professional learning community. It enhances students' awareness of,

and associates their knowledge with, the needs of indigenous Australians.

**Courses:** ED95, ED96, ED97, IX11, IX12, IX14  
**Credit points:** 12  
**Campus:** KG **Sem:** 3

#### ► EDB205 PRIMARY CURRICULUM PROJECT

This unit consolidates contextual skills and understandings in the use of Information and Communication Technologies to support teaching and learning in a school context.

**Courses:** ED96, IX12, IX14 **Credit points:** 12  
**Campus:** KG, EXT

#### ► EDB206 SECONDARY CURRICULUM PROJECT

This unit consolidates contextual skills and understandings in the use of Information and Communication Technologies to support teaching and learning in a school context. It incorporates an investigation of current policy relating to the use of ICT in schools and the theoretical literature pertaining to ICT and Education

**Courses:** ED95 **Credit points:** 12  
**Campus:** KG, EXT

#### ► EDB211 EARLY CHILDHOOD FIELD STUDIES A: INSIGHTS INTO EARLY CHILDHOOD DEVELOPMENT

This unit focuses on the student's professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner.

**Courses:** ED97, IX11 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

#### ► EDB212 EARLY CHILDHOOD FIELD STUDIES B: TEACHING IN THE KNOWLEDGE SOCIETY

This unit focuses upon program planning and implementation in settings for children in lower primary. Emphasis is upon the development of knowledge of relevant policies and resources in curriculum provision.

**Courses:** ED97, IX11 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► EDB213 EARLY CHILDHOOD FIELD STUDIES C: INCLUSIVITY IN EDUCATIONAL PRACTICE

This unit develops professional support relationships that early childhood practitioners must provide for all children and their families, and an awareness of the need for the teacher to work as a member of the community and as a partner with parents and other colleagues.

**Courses:** ED97, IX11 **Credit points:** 12  
**Campus:** KG, EXT

#### ► EDB214 EARLY CHILDHOOD FIELD STUDIES D: THE PROFESSIONAL WORK OF EDUCATORS

The final early childhood practice unit is designed to provide a means of transition from the role of the tertiary student to that of a professional early childhood practitioner who is able to work across diverse settings.

**Courses:** ED97, IX11 **Credit points:** 12  
**Campus:** KG, EXT

#### ► EDB215 EARLY CHILDHOOD PROFESSIONAL INTERNSHIP

This unit seeks to induct students into the professional work of early childhood teachers. It aims to have them apply the knowledge, skills and understandings of teaching and learning that they have acquired throughout their course to an authentic workplace setting.

**Courses:** ED97, IX11 **Credit points:** 12  
**Campus:** KG, EXT

#### ► EDB221 PRIMARY FIELD STUDIES A: ENGAGING IN LEARNING

This unit focuses on the student's professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner.

**Courses:** ED96, IX12, IX14 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

#### ► EDB222 PRIMARY FIELD STUDIES B: TEACHING IN THE KNOWLEDGE SOCIETY

This unit facilitates pedagogical and curriculum development in terms of the socio-cultural con-

texts in which education takes place. The unit aims to utilise social enquiry as a social and cultural activity.

**Courses:** ED96, IX12, IX14  
**Prerequisites:** EDB221 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► EDB223 PRIMARY FIELD STUDIES C: INCLUSIVITY IN EDUCATIONAL PRACTICE

This unit focuses on the crucial link between inclusive theory and inclusive classroom practice. It is designed to demonstrate the students' ability to design, implement and evaluate differentiated teaching strategies, programs and assessment tasks in inclusive and critically reflective ways.

**Courses:** ED96, IX12, IX14  
**Prerequisites:** EDB222 **Credit points:** 12  
**Campus:** KG, EXT

#### ► EDB224 PRIMARY FIELD STUDIES D: THE PROFESSIONAL WORK OF EDUCATORS

This unit enhances the students' ability to design, implement and evaluate differentiated teaching strategies, programs and assessment tasks in inclusive and critically reflective ways and in a manner that is responsive to the diverse nature of students in specific classes.

**Courses:** ED96, IX12, IX14  
**Prerequisites:** EDB223 **Credit points:** 12  
**Campus:** KG, EXT

#### ► EDB225 PRIMARY PROFESSIONAL INTERNSHIP

This unit provides an induction into the professional work of primary teachers. It aims to have students apply the knowledge, skills and understandings of teaching and learning that they have acquired throughout their course to an authentic workplace setting.

**Courses:** ED96, IX12, IX14 **Credit points:** 12  
**Campus:** KG, EXT

#### ► EDB231 SECONDARY FIELD STUDIES A: ENGAGING IN LEARNING

This unit focuses on the student's professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner.

**Courses:** ED95 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

#### ► EDB232 SECONDARY FIELD STUDIES B: TEACHING IN THE KNOWLEDGE SOCIETY

This unit develops pedagogical and curriculum development in terms of socio-cultural contexts in which education takes place.

**Courses:** ED95 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDB233 SECONDARY FIELD STUDIES C: INCLUSIVITY IN EDUCATIONAL PRACTICE

This unit allows the students to engage in the implementation of authentic teaching, learning and assessment practices in a supportive environment. Students reflect on a range of experiences in order to extend and consolidate their developing teaching.

**Courses:** ED95 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

#### ► EDB234 SECONDARY FIELD STUDIES D: THE PROFESSIONAL WORK OF EDUCATORS

This unit immerses students, as preservice teachers, in the field, with a view to scaffolding their repositioning as autonomous, critically reflective, inclusive professional teachers on completion.

**Courses:** ED95  
**Prerequisites:** EDB233 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 3

#### ► EDB235 SECONDARY PROFESSIONAL INTERNSHIP

This unit provides induction as a preservice teacher into the professional work of secondary teachers. It aims to have students apply the knowledge, skills and understandings of teaching and learning that they have acquired throughout their course to an authentic workplace setting.

**Courses:** ED95 **Credit points:** 12  
**Campus:** KG, EXT

#### ► EDB350 ENGLISH FOR TEACHERS

This unit aims to continue the development of participants' own language proficiency and intercultural competence and to further develop their understandings of the importance of effective and appropriate use of language in successful EFL classrooms.

**Courses:** ED26, ED61, ED47, ED43  
**Credit points:** 12

**Campus:** KG **Sem:** 1

#### ► EDB351 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE 1

This unit aims to continue the development of participants' English language proficiency and intercultural competence and to build on their understandings of language teaching methodology for use with young learners in a range of contexts.

**Courses:** ED26, ED61, ED47, ED43

**Prerequisites:** EDB350

**Credit points:** 12 **Incompatible with:** CLB351  
**Campus:** KG **Sem:** 2

#### ► EDB352 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE 2

The aim of this unit is to further support the development of students' English language proficiency and their ability to create effective learning environments for young EFL learners.

**Courses:** ED26, ED61, ED47, ED43

**Prerequisites:** EDB351

**Credit points:** 12

**Campus:** KG

#### ► EDB353 MATERIALS AND CURRICULUM DEVELOPMENT FOR ENGLISH AS A FOREIGN LANGUAGE

This unit aims to provide participants with opportunities to develop their English language proficiency and their ability to select, develop and analyse materials and resources. Participants are also encouraged to develop initiative, self-reliance and critical thinking when responding to the developmental needs of young learners in specific cultural and learning contexts.

**Courses:** ED26, ED61, ED47, ED43

**Credit points:** 12 **Campus:** KG

#### ► EDB400 FIELD EXPERIENCE 1

Part 1 (on-campus) provides a background for students about to engage in field experience. The focus is on learning styles, types of knowledge, accelerated and integrated learning, the mentoring process, preparing portfolios of work and self-directed learning. In Part 2 (in-field), students learn how to plan and promote a learning program. This involves identifying the needs of a target group, and the planning and promotion of appropriate training strategies.

**Courses:** ED54

**Contact hours:** 10/20 day placement; pre- and post-tutorials 1-3 hrs/wk for 7 weeks

**Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDB401 FIELD EXPERIENCE 2

In Part 3 (In-Field), students learn how to deliver training sessions as part of a training program. They also learn the requirements for planning, delivering and reviewing training on a one-to-one or small group basis. Part 4 (In-Field) enables students to learn how to record data on training and to use this to assess the effectiveness of training.

**Courses:** ED54

**Prerequisites:** EDB400 **Corequisites:** EDB400

**Contact hours:** 20 day placement; pre- and post-tutorials

**Credit points:** 12

**Campus:** EXT **Sem:** 1, 2

#### ► EDB402 FIELD EXPERIENCE 3

In Part 5 (In-Field), students learn how to implement a training program for a target group. This involves planning a series of training sessions to meet the requirements of a target group. During Part 6 (In-Field), students learn the requirements for planning assessment in a specific context, how to determine evidence requirements, select appropriate assessment methods and develop assessment tools in specific contexts. Students

also learn how to employ the above components in practice.

**Courses:** ED54 **Prerequisites:** EDB400  
**Contact hours:** 20 day placement; pre- and post-tutorials  
**Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

#### ► EDB403 FIELD EXPERIENCE 4

In Part 7 (In-Field), students learn how to review assessment procedures in specific contexts, such as those stated in Part 6, check the consistency of the assessment decision, and report review findings. During Part 8 (Private Study), students reflect upon what they have learnt from Parts 2-7, how they overcame barriers/problems of learners in the training/education context, and how these experiences should assist them to become effective trainers/educators.

**Courses:** ED54  
**Prerequisites:** EDB400, EDB401, EDB402  
**Contact hours:** 20 day placement; pre- and post-tutorials  
**Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

#### ► EDB410 INTRODUCTION TO RESEARCH METHODS IN EDUCATION

This unit provides a foundation for understanding research design and methods in education. It focuses on reading, understanding and evaluating educational research both within and across different paradigms, and on enabling students to develop their own plan for a small-scale research project. It includes the development of skills in understanding, appreciating, and using the processes and techniques of research. Students are made aware of the variety of research cultures and theoretical perspectives, to become informed consumers of the research findings of others.

**Courses:** ED91, ED92, ED50, ED51, ED52  
**Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► EDB411 DISSERTATION

This unit builds on the understandings developed in the unit Introduction to Research Methods in Education (EDB410). The Dissertation represents an individual piece of research completed under the guidance of an academic supervisor. It should make a contribution to knowledge within a particular educational context through the critical analysis and evaluation of existing knowledge, and the investigation of a research focus or question within a particular educational context. The conclusions of the research should include the relevance for educational practice. This unit provides students with an excellent base on which to build their future academic study.

**Courses:** ED50, ED51, ED52  
**Prerequisites:** EDB410 **Credit points:** 36  
**Campus:** KG **Sem:** 1, 2

#### ► EDB420 EARLY CHILDHOOD PROFESSIONAL PRACTICE: CHILD CARE

This unit aims to develop an understanding of the socio-historical and contemporary contexts for children under three years of age in child care settings. Students explore a range of programming issues for this context, including observing children and planning for them, the use of play, exploration, communication and problem solving by children of this age. It includes twenty days of practicum.

**Courses:** ED43, ED52, ED57, IF81, IF83  
**Contact hours:** 2.5 per week **Credit points:** 12  
**Incompatible with:** PRB351  
**Campus:** KG, EXT **Sem:** 3

#### ► EDB423 EARLY CHILDHOOD PROFESSIONAL PRACTICE: CHOICE

This unit includes the following: refining strategies for teaching and working collaboratively with children, parents and colleagues in early childhood contexts; students' reflection on development of own practices; roles of early childhood educators with regard to ethics, advocacy for young children, policy development and administration; curriculum vitae and resume; Twenty days of supervised practice in an early childhood setting of the student's choice.

**Courses:** ED52, ED53, ED57, IF81, IF83

**Prerequisites:** EDB420, EDB421, EDB012, EDB422

**Contact hours:** 2.5 per week **Credit points:** 12  
**Incompatible with:** PRB354  
**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDB430 PRIMARY PROFESSIONAL PRACTICE 1: CLASSROOM MANAGEMENT

This unit provides an introduction to professional practice in education and gives a foundation for further development in the areas of specialisation and/or specific subject curriculum areas. The role of the teacher is examined with reference to the teacher as communicator, planner, manager and facilitator of learning. The unit provides an opportunity for approaches, strategies and skills associated with the teacher's role to be introduced and applied with classroom management. This unit includes 10 single days in a primary school.

**Courses:** ED51, ED56, IF82, IF84  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 1

#### ► EDB431 PRIMARY PROFESSIONAL PRACTICE 2: CURRICULUM DECISION MAKING

This unit includes an examination of aspects of curriculum decision making to acquire the knowledge, skills and processes necessary for short-term and long-range planning. Curriculum development, curriculum implementation and curriculum evaluation are investigated to refine daily, weekly and term programs. Particular attention is given to co-operative teaching of an integrated unit of work. It includes 20 days of practice teaching in a primary school.

**Courses:** ED51, ED56, IF82, IF84  
**Prerequisites:** EDB430  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

#### ► EDB432 PRIMARY PROFESSIONAL PRACTICE 3: INCLUSIVE CURRICULUM

This unit addresses the social, political and material relations that exist in differing classroom curriculum practices, examining both the constraining and enabling factors that impact on and generate possibilities within the conceptualising of the inclusive curriculum. This is done with the support of practising teachers, and critical self-analysis of classroom practices and possibilities. It includes 20 days of practice teaching in a primary school.

**Courses:** ED51, ED56, IF82, IF84  
**Prerequisites:** EDB431  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDB433 PRIMARY PROFESSIONAL PRACTICE 4: BEGINNING TEACHING

In this unit, students synthesise the range of skills, attitudes and knowledge sources that they have experienced to ensure an effective transition into professional practice as beginning teachers, taking responsibility for the shaping of educational practice from their own perspective and those of the learners. Emphasis is on planning and implementation of the total program. It includes 30 days of practice teaching in a primary school.

**Courses:** ED51, ED56, IF82, IF84  
**Prerequisites:** EDB432 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDB440 INDEPENDENT STUDY

This unit involves self-initiated and self-directed academic study in an area of educational management interest that allows study either to a depth not possible in electives, or in an area not covered by the course. For requirements see the Independent Study Guide.

**Courses:** ED90, ED91, ED92, ED26, ED47, ED50, ED51, ED52, ED54, ED55, ED61, IF70-79

**Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDB442 INTEGRATED PROFESSIONAL STUDIES

This unit is designed to operate in conjunction with the training provided to educational advisors

by the Queensland Department of Education. Students compile a portfolio based on a survey of professional development literature and an inservice activity, which they design and implement with classroom teachers. A report is compiled in which students describe their work and reflect on its effectiveness.

**Courses:** ED26, ED61 **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

#### ► EDB443 PROFESSIONAL INTERNSHIP OF ASSOCIATE TEACHING

The Professional Internship is a period of associate teaching in schools under the guidance of a teacher mentor. Authorisation to teach is provided by the Qld Board of Teacher Registration provided that all academic studies and professional practice units have been completed. Student Interns are prepared for the experience in weekly one hour seminars. This includes 30 days of Associate Teaching in a school.

**Courses:** ED50-52, ED55, IF70-79  
**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► EDB450 SECONDARY PROFESSIONAL PRACTICE 1: CLASSROOM MANAGEMENT

This unit examines the role of the teacher with reference to the concepts of the teacher as communicator, planner, manager and facilitator of learning. It provides an opportunity for associated approaches, strategies and skills to be introduced and applied within the ambit of classroom management in practical settings. It includes 10 single days in a school.

**Courses:** ED50, ED55, IF70-79  
**Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDB451 SECONDARY PROFESSIONAL PRACTICE 2: CURRICULUM DECISION MAKING

In this unit, State and Federal initiatives in curriculum are examined to interpret curricula for the needs and capabilities of learners. The practice component provides opportunities to design, test and refine personal decision-making models, approaches, strategies and programs. The unit includes 20 days practice teaching in a secondary school.

**Courses:** ED50, ED55, IF70-79  
**Prerequisites:** EDB450  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDB452 SECONDARY PROFESSIONAL PRACTICE 3: THE INCLUSIVE CURRICULUM

This unit addresses the social, political and material relations in differing classroom curriculum practices, with a view to examining both the constraining and enabling factors that impact on and generate possibilities within the conceptualising of the inclusive curriculum. Critical analysis of classroom practices and possibilities is effected in the professional practice component. This unit includes 20 days of practice teaching in a secondary school.

**Courses:** ED50, ED55, IF70-79  
**Prerequisites:** EDB451  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2, 3

#### ► EDB453 SECONDARY PROFESSIONAL PRACTICE 4: THE BEGINNING TEACHER

In this unit, students synthesise the range of skills, attitudes and knowledge sources that they have experienced to ensure an effective transition into professional practice as beginning teachers, taking responsibility for the shaping of educational practice from their own perspective and those of the learners. Emphasis will be on planning and implementation of the total program. It includes 30 days of practice teaching in a secondary school.

**Courses:** ED50, ED55, IF70-79  
**Prerequisites:** EDB452 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDN602 ADVANCED SEMINARS

This unit provides for the special needs and interests of students. Small groups of students interact

at an advanced level with specialists or visiting scholars in seminars, conferences and research projects.

**Courses:** ED09, ED13, ED11, ED61

**Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2, 3

#### ► EDN603 FACILITATED STUDY UNIT

The unit aims to enhance capacities for flexibility and innovation in educational practice as a result of an in-depth investigation of a problem of professional relevance.

**Courses:** ED09, ED13, ED14, ED11, ED61, ED77

**Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2, 3

#### ► EDN604-1 FACILITATED STUDY UNIT 1/2

The unit aims to enhance capacities for flexibility and innovation in educational practice as a result of an in-depth investigation of a problem of professional relevance. The unit engages students in a comprehensive examination of relevant theory, research, policy, and/or practice in the area of investigation.

**Courses:** ED09, ED61, ED13

**Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2, 3

#### ► EDN604-2 FACILITATED STUDY UNIT 2/2

See EDN604-1 for details.

**Credit points:** 12

#### ► EDN605-1 FACILITATED STUDY UNIT 1/3

The unit aims to enhance capacities for flexibility and innovation in educational practice as a result of an in-depth investigation of a problem of professional relevance. The unit engages students in a comprehensive examination of relevant theory, research, policy, and/or practice in the area of investigation. The unit also aims to develop skills and understandings about how issues of professional interest can be explored and reported for professional and academic audiences.

**Courses:** ED09, ED61, ED13 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2, 3

#### ► EDN605-2 FACILITATED STUDY UNIT 2/3

See EDN605-1 for details.

**Courses:** ED09 **Credit points:** 12

#### ► EDN605-3 FACILITATED STUDY UNIT 3/3

See EDN605-1 for details.

**Credit points:** 12

#### ► EDN608 PROJECT

The unit aims to enhance capacities for flexibility and innovation in educational practice as a result of an in-depth investigation of a problem of professional relevance. The unit engages students in a comprehensive examination of relevant theory, research, policy, and/or practice in the area of investigation.

**Courses:** ED09, ED13, ED14, ED61, ED77

**Prerequisites:** EDN611 **Credit points:** 24

**Campus:** KG, EXT **Sem:** 1, 2, 3

#### ► EDN610 THE LEARNING INNOVATOR

This unit aims to develop understanding of what it means to be an innovator and a leader in a contemporary professional context. The unit is underpinned by the notion that innovation means being more critical, being open, being able to engage with greater uncertainty and complexity, and being able to learn from the past in order to manage the future.

**Courses:** ED09 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDN611 PROFESSIONAL APPLICATIONS OF RESEARCH

The unit focuses on the needs of professionals to seek research knowledge that addresses specific problems or issues in their practice and to develop a positive attitude towards research in general. It assists students to search databases and other sources to locate published research reports in their field and evaluate them critically.

**Courses:** ED09, ED13, ED11, ED61

**Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDN612 CONDUCTING INNOVATIVE RESEARCH IN EDUCATIONAL CONTEXTS

The unit aims to enhance capacities for undertaking research in educational and other learning contexts that is innovative in both its focus and its approach. The unit engages students in a comprehensive examination of relevant research theory and practical application.

**Courses:** ED09, ED13, ED11, ED12

**Prerequisites:** EDN611 or equivalent

**Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2

#### ► EDN613-1 THESIS 1/3

This unit allows students to identify an area of research germane to their personal and professional interests and to develop and undertake an original piece of research.

**Courses:** ED09

**Prerequisites:** EDN611, EDN612

**Credit points:** 12

**Incompatible with:** EDN620

**Campus:** KG, EXT **Sem:** 1, 2, 3

#### ► EDN613-2 THESIS 2/3

See EDN613-1.

**Courses:** ED09 **Credit points:** 12

#### ► EDN613-3 THESIS 3/3

See EDN613-1.

**Courses:** ED09 **Credit points:** 12

#### ► EDN614-1 THESIS 1/4

This unit allows students to identify an area of research of personal and professional interest and to develop and undertake an original piece of research. The unit provides opportunity to extend and synthesise knowledge from the core and elective units into research study.

**Courses:** ED09

**Prerequisites:** EDN611, EDN612

**Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2, 3

#### ► EDN614-2 THESIS 2/4

See EDN614-1 for details.

**Courses:** ED09

**Credit points:** 12

#### ► EDN614-3 THESIS 3/4

See EDN614-1 for details.

**Courses:** ED09

**Credit points:** 12

#### ► EDN614-4 THESIS 4/4

See EDN614-1 for details.

**Courses:** ED09

**Credit points:** 12

#### ► EDN620 FACILITATED STUDY UNIT

The unit aims to enhance capacities for flexibility and innovation in educational practice as a result of an in-depth investigation of a problem of professional relevance. The unit engages students in a comprehensive examination of relevant theory, research, policy, and/or practice in the area of investigation.

**Courses:** ED13

**Prerequisites:** EDN611, EDN612

**Credit points:** 36

**Campus:** KG, EXT **Sem:** 1, 2, 3

#### ► EDN626 LEARNING AND TEACHING IN HIGHER EDUCATION

This unit aims to develop the students' capacity to take a theoretically grounded approach to teaching and learning in higher education, specifically by increasing their knowledge of formal and informal theories of learning and teaching.

**Courses:** ED09, ED13, ED61 **Credit points:** 12

**Campus:** EXT **Sem:** 1

#### ► EDN627 CONTEXTS AND ISSUES IN HIGHER EDUCATION

This unit aims to provide students with opportunities to develop an understanding of a range of contemporary historical, policy and social issues that impact on higher education at institutional, school, department, course and individual levels.

**Courses:** ED13, ED61 **Credit points:** 12

**Campus:** EXT **Sem:** 2

#### ► EDN629 PRESENTATION AND DELIVERY MODES IN HIGHER EDUCATION

This unit aims to provide students with the opportunity to gain the knowledge, skills and confidence to use a variety of delivery methods appropriate to their post-secondary student cohort, and to be able to evaluate and critique each mode of delivery within a pedagogical framework which is student-centred and context-specific.

**Courses:** ED09, ED13, ED61 **Credit points:** 12

**Campus:** EXT **Sem:** 1

#### ► EDN630 HIGHER EDUCATION: CURRICULUM DESIGN, ASSESSMENT AND EVALUATION

The unit aims to introduce students to key concepts and practices underpinning contemporary curriculum design, assessment and evaluation in rapidly changing global and local contexts.

**Courses:** ED09, ED13, ED61 **Credit points:** 12

**Campus:** EXT **Sem:** 2

#### ► EDN631 SUPERVISED PRACTICUM 1

The aim is to provide students with a basic level of professional knowledge and skills in the practice of educational and development psychology and an awareness of ethical guidelines. Students also develop a high standard of professional conduct through supervised practice.

**Courses:** IX20

**Corequisites:** SPN640, SPN641, PYN601

**Credit points:** 12

**Campus:** KG **Sem:** 1

#### ► EDN632 SUPERVISED PRACTICUM 2

The aim of the unit is to provide students with supervised experience in applying diagnostic, assessment and intervention skills in educational settings. This unit also develops students' written and oral communication skills and provides them with practice in using these skills to communicate results of assessments and recommendations for interventions to school staff, parents and other stakeholders.

**Courses:** IX20

**Prerequisites:** EDN631

**Corequisites:** SPN642 **Credit points:** 12

**Campus:** KG **Sem:** 2

#### ► EDN633 SUPERVISED PRACTICUM 3

The unit will provide students with supervised experience in applying their diagnostic, assessment and intervention skills within non-educational settings. It further develops students' written and oral communication skills, and provides them with practice in using these skills to communicate results of assessments and intervention strategies within teams from non-educational settings.

**Courses:** IX20

**Prerequisites:** EDN631

**Contact hours:** Approximately 2 days per week for practicum

**Credit points:** 12 **Campus:** KG

#### ► EDN634 SUPERVISED PRACTICUM 4

The aim of the unit is to provide students with support in ensuring that they have attained the level of knowledge and skill required to meet the competencies of the Psychologists Board of Queensland.

**Courses:** IX20

**Prerequisites:** EDN631, EDN632, EDN633

**Credit points:** 12 **Campus:** KG

#### ► EDN635 PRACTICUM IN EARLY CHILDHOOD

In this unit, students are required to draw on professional knowledge and experience in making child observations and in planning, implementing and evaluating learning experiences for children.

**Courses:** ED09, ED61 **Credit points:** 12

**Campus:** EXT **Sem:** 2

#### ► EDP508 PRACTICUM IN EARLY CHILDHOOD 1

This unit includes the following: observation; planning; implementation and evaluation of curriculum for children in early childhood; communication with children, parents and colleagues; the demonstration of organisational and administrative skills in an early childhood setting. It includes 10 days of practicum.

**Courses:** ED20

**Prerequisites:** EAP533

**Corequisites:** EAP534, EAP535 **Credit points:** 6

**Campus:** EXT **Sem:** 2, 3

**► EDP509 PRACTICUM IN EARLY CHILDHOOD 2**

This unit includes the following: observation; design, implementation and evaluation of programs for children in the early childhood age range; communication with children, parents and colleagues; increased responsibility for control and management in the early childhood setting; catering for children in the early childhood age range. It includes 10 days of practicum.

**Courses:** ED20

**Prerequisites:** EDP508

**Credit points:** 6

**Campus:** EXT

**Sem:** 1, 2, 3

**► EDR702 THESIS (1-9)**

This unit provides students with an opportunity to extend and synthesise knowledge from the coursework section. It allows the coursework to be applied as it may be used in future work situations and provides a means of extending the skills and understandings gained from formal units to investigate in-depth some aspects of the students' professional practice. The unit focuses on the extension of acquired knowledge to increase the understanding and competence of skilled professional educators and facilitates the application of innovative research that grows out of the professional coursework. All candidates will proceed through the three required thesis steps: Step A, Thesis Preparation; Step B, Thesis Confirmation of Candidature; Step C, Thesis Implementation.

**Courses:** ED11

**Prerequisites:** EDR703

**Credit points:** 216 (24 each)

**Campus:** KG

**Sem:** 2

**► EDR703 INTERDISCIPLINARY EDUCATION STUDIES (ADVANCED SEMINARS)**

This is a reading and seminar program that aims to broaden and deepen the students' initial perspective to include elements derived from theoretical perspectives drawn from a number of disciplines. The unit seeks to provide a context of learning for educators who seek the personal and professional benefits that broadening and deepening of their professional knowledge affords.

**Courses:** ED11

**Credit points:** 24

**Campus:** KG

**Sem:** 1, 3

**► EEB112 ELECTRICAL AND COMPUTER ENGINEERING 1**

The unit comprises two modules: Electric Circuits and Introductory Computing. The first module covers fundamental quantities in circuits and network laws, response to sinusoidal sources, and circuit measurements. The second module covers fundamentals of problem solving using computers and programming and techniques for writing correct and efficient programs.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Contact hours:** 5 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

**► EEB130 INTRODUCTION TO AVIONICS**

The unit introduces students to Avionics in a non-technical way. It focuses primarily on aviation navigation and provides a basic understanding of avionics. A complete flight system is studied at an introductory level. The unit also gives an overview of the electronics inside an aircraft, the aircraft environment, and flight simulation.

**Courses:** EE48

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

**► EEB212 ELECTRICAL AND COMPUTER ENGINEERING 2**

The unit comprises three modules: Network Theory, Engineering Computing, and the Laplace Transform. The first module covers network laws, ac power calculations, three-phase systems, series and parallel resonance, magnetic coupling and linear transformer, and using PSPICE to solve and analyse complex circuits. The second module covers an introduction to Software Engineering and Design. The basics of Laplace transforms are taught in the third module.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Prerequisites:** EEB112

**Contact hours:** 5 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

**► EEB213 ELECTRICAL CIRCUITS AND MEASUREMENTS**

The unit covers fundamental electrical quantities, Kirchoff's laws, direct current and alternating current, response of RLC circuits to dc and sinusoidal sources, Thevenin and Norton equivalents, power transfer, three-phase systems, series and parallel resonance, mutual inductance and transformers, computer-aided analysis of circuits using PSPICE, electrical measurement and analysis in practical laboratory experiments.

**Courses:** IF59, EE46, EE47

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

**► EEB220 ELECTRICAL ENGINEERING 2M**

The unit covers basic network laws, response to sinusoidal sources, real and reactive power calculation, power factor improvement, electric and magnetic fields, three-phase system, transformer theory, dc and ac rotating machines and their applications, basic electronic circuits, filters, PLC and operational amplifier circuits.

**Courses:** ME36, ME41, ME42, ME48, IF57

**Prerequisites:** EEB112

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

**► EEB311 ELECTRICAL MEASUREMENT AND MACHINES**

This unit includes the following: electrical measurements and instrumentation; magnetic circuits; sensors, PLC's, DSC, and industrial networks; single phase and three phase transformers; electric machines including electromechanical energy conversion, reluctance motors, induction motors, synchronous machines, D.C. machines, stepper motors, P.C. motors; motor control; heating, cooling and rating.

**Courses:** EE41

**Prerequisites:** EEB212 or EEB213

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

**► EEB312 ANALOG AND DIGITAL ELECTRONICS**

Analogue and digital electronics devices, circuits and systems are the foundation for all electronic systems. This foundation serves all electronics engineering disciplines and also provides a good hardware basis for computer engineering students. The aim of this unit is to provide awareness of the characteristics and operation of discrete semiconductor components, to introduce analogue circuit design and to provide a good grounding in the basic principles of digital design.

**Courses:** EE41, EE46, EE47

**Prerequisites:** EEB212 or EEB213

**Contact hours:** 6 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

**► EEB340 INTRODUCTION TO TELECOMMUNICATIONS**

Telecommunications systems and the principles underlying their operations are introduced in this unit starting from mathematical preliminaries such as the Fourier series and the Fourier transform. Basic radio receivers and antennas, analogue modulation techniques (AM, SSB, VSB and FM), systems and circuits for generation and demodulation and basic properties of noise and its effects on modulation systems are studied using time and frequency domain analyses.

**Courses:** EE41, EE46, EE47

**Prerequisites:** MAB132

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

**► EEB411 CLASSICAL CONTROL AND POWER SYSTEMS**

The unit is a core unit with the modules Control Systems and Power Systems. It instils the foundation of feedback control theory for engineers and introduces the student to basic classical feedback control theory, analysis and synthesis. The second module covers power generation, and energy sources, electricity market operation, fault calculations, basic protection, and power system operation, in particular real and reactive power control.

**Courses:** EE41, EE42

**Prerequisites:** EEB311, MAB132

**Corequisites:** EEB440

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

**► EEB412 ADVANCED ELECTRONICS AND EMBEDDED SYSTEMS**

The two modules of this unit, Electronics B and Embedded Systems provide a basis for electronic circuit design in general but also in connection with microprocessor systems. Operational amplifiers and comparators for use in signal conditioning and instrumentation amplifiers are presented as well as integrated circuits as building blocks for system design. Students are given a grounding in the principles and practical use of embedded microprocessor/microcontroller systems.

**Courses:** EE41, EE46, EE47

**Prerequisites:** EEB312

**Contact hours:** 5 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

**► EEB431 AIRCRAFT SYSTEMS AND FLIGHT CONTROL**

The modern aircraft is an extremely complex machine comprised of many systems. These systems include propulsion, engine management, flight management, flight control, navigation, and life support and flight data recorders. The safe and reliable operation of all these systems is required to conduct a single flight. The modern avionics engineer requires an understanding of all these systems and how they operate on modern civil and military aircraft. This unit places emphasis on the flight control systems of modern aircraft. As part of this, methods for modelling the dynamic behaviour of aircraft, missiles and spacecraft are introduced, along with the criteria for stability.

**Courses:** EE48

**Prerequisites:** EEB130, EEB212, MMB251

**Contact hours:** 6 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

**► EEB440 CLASSICAL SIGNAL PROCESSING**

The unit covers the area of Signals in Linear Systems for which a detailed study of Fourier theory applied to analog signals and to the analysis of linear systems is given. System analysis is presented in time as well as in frequency and various characteristics and relationships in the two domains are discussed. Students are introduced to the classical design of filters such as the Butterworth and Chebyshev type along with a brief exposure to their realization as analog circuits. The sampling theorem and Nyquist criteria are discussed in detail and an introduction to discrete-time signal processing using the z-transform is provided.

**Courses:** EE41, EE46, EE47

**Prerequisites:** EEB340, MAB134

**Corequisites:** MAB135

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

**► EEB511 MODERN CONTROL AND POWER ELECTRONICS**

The unit comprises the modules Control Systems B and Power Electronics. Control Systems B introduces students to discrete-time control by extending the conventional control into the discrete-time domain. As a second part of Control Systems B, the state model oriented approach for designing control systems is introduced. The second module covers power rectification, controlled rectification, inverters, AC and DC drives, uninterrupted power supplies, power switching components.

**Courses:** EE41, EE42

**Prerequisites:** EEB411

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

**► EEB512 INDUSTRIAL ELECTRONICS AND DIGITAL DESIGN**

Modules Electronics C and Digital Systems Design provide a basic understanding of linear and switch applications in industrial electronics. Practical knowledge associated with interfacing and design is developed. Students will study the theory and design of advanced embedded digital systems and practical implementation. The practical application of these circuits including interfacing and environment factors is considered.

**Courses:** EE41, EE46

**Prerequisites:** EEB412

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► EEB521 DIGITAL SYSTEMS AND CONTROL

The unit comprises the modules 'Control Systems B' and 'Digital Systems Design'. Control Systems B introduces to discrete-time control by extending the conventional control into the discrete-time domain. As a second part of Control Systems B, the state model oriented approach for designing control systems is introduced. It provides the theory and design of advanced digital systems and practical implementation.

**Courses:** ME40

**Prerequisites:** EEB411, EEB412

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► EEB535 MODERN FLIGHT CONTROL SYSTEMS

The modules of this unit are Control Systems B and Flight Control Systems. The unit provides students with an understanding of control system design and analysis for discrete time control systems as well as using the state space approach. Furthermore, it introduces students to different aspects of flight control including factors affecting the performance and simulation. Specific topics such as artificial stability and MILSTDs are also covered.

**Courses:** EE48

**Prerequisites:** EEB412, EEB435

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► EEB560 DIGITAL COMMUNICATIONS

Revolutionary developments in the field of Digital Communication Technology have enabled improvement in the characteristics of communication systems in order to meet the performance requirements for transmission of information for private, business and industrial applications. This unit which covers Elements of a Digital Communication System aims at providing the students with an in-depth understanding of the theory and applications of digital communication systems and technology.

**Courses:** EE41, EE46, EE47

**Prerequisites:** EEB440

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► EEB566 REAL-TIME COMPUTER-BASED SYSTEMS

This unit covers the area of embedded systems and real-time kernels. C programming is reviewed in the context of real-time applications where it is often mixed with assembly language. Data representations, input-output programming, concurrency, scheduling, memory management and system initialisation are discussed. Programming laboratory exercises introduce development tools and reinforce fundamental concepts such as polling, interrupt driven input-output, serial port communication, pre-emptive and non pre-emptive scheduling, resource sharing, priority inversion and deadlock. Students develop a simple real-time process control application using programmable logic and micro-controllers.

**Courses:** EE46

**Prerequisites:** EEB412, ITB421

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► EEB584 INTRODUCTION TO DESIGN

This unit includes the following: an introduction to general principles of electronic circuit and electrical equipment design and realisation; design and implementation of basic electronic circuits; experience in undertaking engineering projects; report writing; working in teams. The unit gives students the opportunity to apply their theoretical knowledge to real-life engineering problems.

**Courses:** EE41, EE42, EE48, EE46, EE47

**Prerequisites:** EEB412

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► EEB585 SYSTEMS ENGINEERING DESIGN

Students work in teams on specific pre-determined sub-projects. They will be exposed to principles in design specifications, feasibility studies, standards and technical writing. In particular, the following topic areas will be covered:

introduction to systems engineering; user requirements process; system requirements process; requirements traceability and analysis; project management tools; risk management; brainstorming and trade studies; cost/benefit criteria; feasibility studies; the project life cycle phases; detailed design; system qualification and acceptance testing; design review procedure.

**Courses:** EE48, IX25

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► EEB640 DIGITAL SIGNAL PROCESSING

The unit comprises the area of Digital Signal Processing and provides students with the fundamentals of discrete-time signal processing, discrete Fourier transform, discrete convolution, digital filters and digital spectral estimation. Examples and applications arising from various disciplines are presented, to prepare the student to solve practical problems.

**Courses:** EE41, EE46, EE47

**Prerequisites:** EEB440, MAB135

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► EEB641 FIELDS TRANSMISSION AND PROPAGATION

This unit addresses the following: fundamental concepts of static and time varying electromagnetic fields; Maxwell's equations and the characteristics of their solution, such as wave equations, losses in various media and energy flow; numerical methods; transmission line theory, terminated line, Smith Circle Chart usage and lattice diagram; propagation modes in waveguides and optical fibre; free-space propagation, reflection, refraction, diffraction; basic antenna theories and antenna parameters, Frii's transmission equation, half-wave dipole, two-element array.

**Courses:** EE41, EE47 **Prerequisites:** MAB135

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

### ► EEB650 POWER SYSTEMS ANALYSIS

This unit addresses the following: power system economics, costs of losses, tariffs, plant selection; power flow calculation algorithms; protection systems, transformer protection motor protection, feeder protection; setting of IDMT relays; quality of electricity supply; surge phenomena in lines and machines; switching and lightning surges solution by numerical methods; harmonic analysis of interconnected networks; electrical safety, earth electrodes, evaluation of step and touch potentials.

**Courses:** EE41, EE42 **Prerequisites:** EEB511

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► EEB666 COMMUNICATION ENVIRONMENTS FOR EMBEDDED SYSTEMS

This unit addresses the following: computer networks; network programming; open network foundations; embedded systems; client/server; bus architectures; network controllers; distributed systems in automation and process control; embedded Java; distributed objects; distributed databases; distributed operating systems

**Courses:** EE46

**Prerequisites:** EEB412, ITB421, EEB566

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► EEB684 ADVANCED DESIGN

This unit introduces detailed design and realisation of typical electrical subsystems used in all areas of electrical and electronic systems engineering. The unit enhances the student's ability in solving complex engineering problems. The design builds on the theoretical knowledge gained in other units. As part of the advanced design, this unit also covers a number of engineering skills including high-level thinking, project planning, information retrieval techniques, writing report and oral presentation skills. The student is required to write a detailed technical report and also to give an oral presentation on her/his design

**Courses:** EE41, EE42, IF21, IF28, IF59, EE46, EE47

**Prerequisites:** EEB584

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► EEB685 ADVANCED SYSTEMS DESIGN

This unit presents detailed design and realisation of typical electronic subsystems used in all areas of electrical and electronic systems engineering. The unit enhances the student's ability in solving complex engineering problems. The design builds on the theoretical knowledge gained in other units. Students are required to write a detailed technical report and also give an oral presentation on their design.

**Courses:** EE48

**Prerequisites:** EEB585

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► EEB686 INDUSTRY PRACTICE

Industry Practice provides high achieving students with the opportunity to participate in a co-operative education environment created by a partnership between the student, industry and the University. The unit aims at developing knowledge of, and experience in, the practices and procedures in the workplace environment. Students will apply for paid employment with an industry partner registered for this program. The process will be open and competitive, and an interview will be conducted as for a typical job application process. The duration of the employment is expected to be from 4 to 6 months, with 24 to 40 hours per week, and must overlap the TP of Semester 2.

**Courses:** EE41, EE42

**Contact hours:** 1 per week **Credit points:** 24  
**Campus:** GP **Sem:** 2

### ► EEB732 SPACE TECHNOLOGY

This unit offers a general introduction to space technology. It includes the following: coordination of systems and time references used within space flight dynamics; discussion of rocket ascent trajectories and satellite orbit dynamics; detailed description and discussion of satellite as a system and subsystems; description and discussion of rocket as a system; introduction to satellite launch systems and satellite applications.

**Courses:** EE48

**Prerequisites:** EEB435 or EEB431

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► EEB760 AEROSPACE RADIO AND RADAR SYSTEMS

Radio and radar systems provide the backbone and arteries of all aerospace and avionics systems. A knowledge of the effects of electromagnetic compatibility and interference and the standards which apply as well as a detailed knowledge of the theory and techniques of ground, air and space based radio and radar systems is essential for all avionics engineers. Radio and radar systems are an integral part of the safe and efficient operation of aircraft movements and must be considered as part of the system as a whole.

**Courses:** EE48

**Prerequisites:** EEB560, EEB641

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► EEB766 COMMUNICATION TECHNOLOGIES

The unit covers various communication and signal processing technologies: point to point and point to multi-point; wired and wireless communications including microwave terrestrial and satellite communication; last miles solutions including ADSL, VDSL and wireless local loops; ad hoc radio transmission such as the Bluetooth and Home RF; Wireless LANs including wireless infrared transmission and IEEE8012.11 standard.

**Courses:** EE47

**Prerequisites:** EEB560

**Contact hours:** 4 per week **Credit points:** 12  
**Sem:** 1

### ► EEB781 PROFESSIONAL STUDIES 2

This is to provide adequate skills for young professional engineers to start a small business or to be an active partner in one. Personnel management skills are developed: assertion training; interpersonal relationships; organisational change; professional ethics and negotiation. As well, the unit covers the basics of accounting practice, types of companies, marketing principles.



ples, business plans, intellectual property and statutory obligations on company managers.

**Courses:** EE41, EE42, EE48, IF59, EE46, EE47

**Prerequisites:** BNB007

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► EEB782-1 SYSTEMS PROJECT

In this unit, an engineering project on a specified topic is completed; the work will require design, computing, construction, experimental work and practical testing with the submission of appropriate reports. The topic is selected from any area which involves electronics, computing, control, communication, signal processing, and power and may include programming, circuit and system design.

**Courses:** EE48 IX25

**Contact hours:** 1 per week **Credit points:** 24  
**Campus:** GP **Sem:** 1

#### ► EEB782-2 SYSTEMS PROJECT

See EEB782-1.

**Courses:** EE48 IX25 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEB831 MILITARY COMBAT ELECTRONICS

This unit addresses the following: sound generation propagation and analysis in the military environment; principles and application of lasers to sighting and guidance systems; principles of detection of submarines using magnetometers; infra red propagation and its use in detection and weapons guidance; ECM/ECCM; sonar processing; laser processing and guidance; radar guidance/sighting; gun sights; weapons control systems; IFF/Transponder; command and control; magnetic anomaly detection; tactical navigation systems; infra red. Some ethical, social and moral aspects of military systems will be discussed.

**Courses:** EE48

**Prerequisites:** EEB435, EEB560, EEB640, EEB641

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEB833 SPACECRAFT GUIDANCE AND NAVIGATION

This unit includes the following: general introduction to spacecraft guidance and navigation systems and concepts; coordination of systems and time references applied within spacecraft guidance and navigation; discussion of spacecraft orbit and attitude dynamics; detailed description and discussion of GNSS system aspects; GPS observables and data processing; description and discussion of spacecraft guidance and navigation sensors and systems; methods for spacecraft orbit and attitude determination; discussion of spacecraft actuators.

**Courses:** EE48

**Prerequisites:** EEB732

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► EEB835 NAVIGATION SYSTEMS FOR AIRCRAFT

Modern aviation continues to flourish, with millions of passenger miles flown each year throughout the world and in all kinds of weather condition. Safe and reliable navigation is one of the primary functions that enable these flights. In past years, pilots navigated visually but this relied on fair weather conditions. Today, pilots use navigation aids to allow navigation in all types of weather conditions day or night. This unit presents the principles and practices of modern navigation sensors and systems. To be a competent Avionics Engineer, a detailed knowledge of the principles of navigation is mandatory. Navigation is a fundamental building block for all aspects of aerospace projects.

**Courses:** EE48

**Prerequisites:** EEB560, EEB641

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEB882 INDUSTRY PROJECT

The CEED Industry Project may be completed in the first or second semester of the final year full time course. CEED is intended to introduce students to industry practices under the guidance of a qualified engineer/supervisor and prepare them with design, technical, teamwork and communi-

cation skills such as they are likely to encounter upon graduation. Because the project is industry based, the student will spend the majority of their allocated project time performing practical engineering at the industry premises. Individually structured projects are offered to final year students on a competitive basis through a formal application and selection process.

**Courses:** EE41, EE42

**Credit points:** 36

**Campus:** GP

**Sem:** 1, 2

#### ► EEB889-1 PROJECT

This unit is divided into two parts: EEB889-1 and EEB889-2. Students normally complete part 1 in semester 1 and part 2 in semester 2 in their final year of study. An engineering project on a specified topic is completed; the work will require design, computing, construction, experimental work and practical testing with the submission of appropriate reports. The topic is selected from any area involving electronics, computing, control, communication, signal processing, electrical power, or aerospace/avionics. The project may include programming, circuit and system design.

**Courses:** EE41, EE42, IF21, IF28, IF59, EE46, EE47

**Contact hours:** 1 per week **Credit points:** 24  
**Campus:** GP **Sem:** 1

#### ► EEB889-2 PROJECT

See EEB889-1 for details.

**Courses:** EE41, EE42, IF21, IF28, IF59, EE46, EE47

**Contact hours:** 1 per week **Credit points:** 24  
**Campus:** GP **Sem:** 1, 2

#### ► EEB904 ADVANCED TOPICS IN ELECTRICAL ENGINEERING A

This unit introduces students to the current technology based on research that is the expertise of visiting specialists or staff within the School. It runs as an elective in the final year of the course subject to availability of staff and relevance of the topic.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Credit points:** 12

#### ► EEB905 ADVANCED TOPICS IN ELECTRICAL ENGINEERING B

This unit introduces students to the current technology based on research that is the expertise of visiting specialists or staff within the School. It runs as an elective in the final year of the course subject to availability of staff and relevance of the topic.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Credit points:** 12

**Campus:** GP

#### ► EEB911 ELECTRICAL ENERGY SYSTEMS

This unit addresses the following: electricity transmission and distribution networks, structure and controls; quality and reliability of electricity supply; energy utilisation in buildings: lifts, fire systems, standby generation, lighting, communication, air conditioning; renewable energy options: characteristics and utilisation of alternate sources; the electricity market; distribution automation; data communications for distribution networks; earthing and soil resistivity; switchgear and protection; insulation coordination.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Prerequisites:** EEB511, EEB584

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► EEB941 MODERN SIGNAL PROCESSING

This unit gives a comprehensive introduction to the representation and processing of signals distorted or corrupted by noise, and the systems needed to process them. Techniques for estimating signal parameters for the detection of signals in the presence of noise will be discussed. The methods presented will be tested on real data drawn from different engineering applications, such as wireless communications, biomedical EEG signals and brain models, speech and music synthesis, and radars.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Prerequisites:** EEB640

**Contact hours:** 4 per week **Credit points:** 12  
**Sem:** 1

#### ► EEB960 WIRELESS COMMUNICATIONS

This unit addresses the following: cellular mobile radio system concepts; mobile radio propagation; spread spectrum techniques and CDMA; speech coding modulation and channel coding techniques for GSM and CDMA; fading mitigation through diversity; inter-symbol interference mitigation; the GSM and CDMA standards; the WAP and the GPRS; introductions to UMTS/IMT2000; introduction to personal communications; introduction to blue tooth technology; other wireless systems including Wireless LAN, Wireless Local loop, Microwave local multipoint distribution systems (LMDS) and LEO satellite communication.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59, EE47

**Prerequisites:** EEB560

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEB961 RF AND APPLIED ELECTROMAGNETICS

This unit addresses the following: lumped and distributed microwave and RF circuits, including [y], [t] and [s] parameters; impedance matching techniques; passive and active microwave devices; RF circuit design techniques; microwave and RF measurement techniques linear antennas and microwave antennas; analysis and synthesis of antenna arrays; specialised antennas and antenna measurements; EMC definition, standards and regulations; test plan; measurements; interference coupling; susceptibility; EMC design techniques, component selection, circuit layouts, grounding, shielding, filters, suppressors, isolation and safety; EMC management; propagation of electromagnetic fields in electrical materials; application of numerical methods.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Prerequisites:** EEB441

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► EEB976 ADVANCED INDUSTRIAL ELECTRONICS

Two of the following modules will be offered each year: 1. Switching converters: variable speed drive control, power system compensation converters, UPSs, transformer switched mode power supplies, resonant power supplies. 2. Basic microprocessor systems: M68332 CPU, architecture, assembly language, MC6832 modules, system integration, queued serial communications, time processor unit, peripheral devices and interfacing, parallel/serial communications, ADC's, DAC's, waveform synthesisers. 3. RF systems: transmitters and receivers, superheterodyne, antenna, filters, LNA, mixer, LO, IF amplifier, demodulator, duplexer, RF switches, impedance matching, high frequency effect on components, microstrip techniques, CAD RF design.

**Courses:** EE41, EE42, EE48, IF21, IF28, IF59

**Prerequisites:** EEB412

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEB992 VLSI CIRCUITS AND SYSTEMS

This unit addresses the following: introduction to microelectronic circuits and systems; MOS transistor fundamentals; fabrication processes; mask layout rules; VLSI logic gates; combinational logic circuits; sequential logic circuits; memory structures; system and subsystem design; semi-custom design; circuit modelling and performance; circuit verification, testability, case studies; CAD Tools for VLSI; VHDL system specification, modelling and verification. The unit includes a major design project.

**Courses:** EE41, EE45, EE48, IF21, IF28, IF59

**Prerequisites:** EEB412

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEP101 ALGORITHMS FOR CONTROL AND ENGINEERING

This unit addresses the following: solution of equations using numerical analysis methods and computer algorithms; differential and difference equations, numerical approximations and computational flow diagrams; computer control of closed-loop systems; continuous and discrete

systems; system hardware; sampled data systems design techniques; system simulation; state-space theory and system performance optimisation; state equation; transformations; state equation solution; closed-loop system pole-placement design; performance criteria; dynamic optimisation methods; spectral analysis and digital filtering; discrete time adaptive filters; an introduction to neural networks and to fuzzy logic.

**Courses:** EE65, EE66, EE76

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► EEP102 UNIX AND C FOR ENGINEERS

This unit covers C programming and the Unix operating system. Unix commands, file structure, processes, shells and shell scripts are discussed. C programming is covered without assumed prior knowledge but at a level and pace suited for the postgraduate or advanced undergraduate student. Data types, operators and expressions, control flow, functions, pointers and arrays, strings, data structures, memory allocation, input and output and support for real-time applications are discussed. Self-study tutorials are used to reinforce fundamental concepts. An engineering application is chosen for the assignment that is conducted in a problem-based learning framework.

**Courses:** EE61, EE67, EE74, EE77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► EEP103 COMPUTER HARDWARE AND INTERFACING

This unit includes the following: state-of-the-art digital devices; design and implementation of digital systems; microprocessors and microcontroller systems and interfacing; computer architectures, subsystems and peripherals.

**Courses:** EE61, EE67, EE74, EE77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► EEP104 REAL-TIME OPERATING SYSTEMS

This unit covers operating systems principles with emphasis on real-time operating systems. Operating system fundamentals are introduced and concepts such as process management, input/output management, file management, resource allocation and scheduling, and protection are discussed in detail with a Unix-like operating system such as Minix or Linux as the example. Students enhance their C programming skills in assignments on multitasking, interrupt-driven input-output and device driver modification. Current commercial real-time operating systems such as QNX are reviewed.

**Courses:** EE61, EE67, EE74, EE77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEP120 NETWORKS AND DISTRIBUTED COMPUTING

This unit includes the following: the open system interconnection model and the more common standards which support the model; layers 3-7 covered in depth, layers one and two covered by reference; computers, software packages; network topologies, software techniques, data transfer protocols; examples of local and wide area networks; hardware implementation of OSI layers and protocols; modern high performance networking protocols such as FDDI and ATM, treated as extensions of the OSI model.

**Courses:** EE61, EE67, EE74, EE77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEP123 PROCESS CONTROL AND ROBOTICS

This unit includes the following: introduction to robotics; introduction to CNC machine tools; process control; controller tuning, plant characterisation and process optimisation; computer simulation and algorithms.

**Courses:** EE61, EE67, EE74, EE77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEP124 DATA COMMUNICATIONS

This unit will provide an in-depth knowledge of the following: data transmission channels; the various types of modems, their use and specifications;

the different aspects of interfacing for data communications; coding; compression and encryption of data; network models and other specialised topics.

**Courses:** EE61, EE67, EE74, EE77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► EEP126 COMMUNICATIONS DIGITAL SIGNAL PROCESSING

This unit includes the following: source and channel coding; waveform coding; adaptive filtering in communication; applications of speech technology in communication; applications of DSP technology; real time DSP devices and their applications in communications.

**Courses:** EE61, EE67, EE74, EE77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► EEP128 DETECTION AND ESTIMATION

This unit includes the following: introduction to the theory of random variables and probability; signal detection; hypothesis tests, Neyman-Pearson detectors; uniformly most powerful tests for Gaussian case; examples of detection of an unknown deterministic signal in Gaussian noise of known probability distribution; Matched-Filter interpretation image restoration; introductory mathematical morphology, boundary detection techniques and algorithms; image segmentation; shape description techniques; neighbourhood operators; image representation by stochastic models.

**Courses:** EE61, EE67, EE74, EE77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEP129 IMAGE PROCESSING AND COMPUTER VISION

The aim of this unit is to provide theoretical and practical understanding of the fundamentals of image processing and computer vision with exposure to important algorithms and applications. It covers image acquisition, image representation and modelling, image enhancement, image restoration, edge detection, image segmentation, morphological techniques, shape description, classification and fundamentals of projective geometry and stereo vision.

**Courses:** EE61, EE67, EE74, EE77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEP135 DIGITAL SIGNAL PROCESSING AND APPLICATIONS

This unit includes the following: general properties of stationary processes; basic spectral properties of the processes; practical aspects of digital spectral estimation; identification of linear systems; digital higher-order spectral estimation; identification of non-linear systems; an update in the advances in digital signal processing.

**Courses:** EE61, EE67, EE74, EE77

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EEP201 FUNDAMENTALS OF POWER SYSTEM EARTHING

This unit includes the following: electrode resistance, potential gradient areas of common types of electrodes; multiple electrodes; stratified grounds electric shock; calculation of step and touch potentials; introduction to substation earthing; ground potential rise; connection of services; grid and mesh potentials; measurement of soil resistivity and electrode resistance; earthing of transmission lines; tower foot resistance; current division between ground and aerial earth wires; division of earth currents at substations; earth current distribution on faulted lines; distribution systems: MEN, SWER; safety during faults; flow of lightning currents to ground.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance  
**Credit points:** 4 **Campus:** GP

#### ► EEP202 THERMAL RATINGS AND HEAT TRANSFER

This unit includes the following: thermal conduction in simple geometries; forced and natural convection from plates and cylinders; common heat transfer correlations; radiation from hot

surfaces; view factors; calculation of steady-state and time-varying temperatures in conductors; temperature measurement methods for high voltage equipment; thermal ratings of overhead lines; steady-state, cyclic and short-time ratings; cable rating temperature rise due to step current, cyclic and emergency loads; temperature rise of power transformers; cooling methods; emergency overloads.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance

**Credit points:** 4 **Campus:** GP, EXT

#### ► EEP203 TESTING AND CONDITION MONITORING

This unit includes the following: HV testing; DC, 50 Hz, and impulse - equipment; measurement systems; standard test methods, certification and traceability; evaluation of test reports; HV test methods for insulators, bushings, circuit breakers, isolators and surge arrestors; temperature rise testing of electrical equipment, lines cables, and switchgear; current withstand testing; current interruption tests for fuses and circuit breakers; evaluation of test reports, accuracy and traceability; insulation testing; oil testing, DLA and PD tests; condition monitoring systems, plant temperature, circuit breaker dynamics, insulation condition; in situ methods.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance

**Credit points:** 4 **Campus:** GP

#### ► EEP204 POWER SYSTEM LOAD FLOW ANALYSIS

This unit includes the following: data collection methods; p.u. revision; load flow algorithms, convergence criteria; multiple solutions; starting values; ordering and sparsity of matrices; single and three-phase models; transformers, tap changers, overhead transmission lines, underground cables, capacitors and filters; controlled reactive devices; generators and motors; load representation; load flow applications; base case and contingency analysis in planning augmentation options; system operations contingency analysis; load flow analysis methodology; use of load forecasts; establishment of 'base case'. Practice in analysis of transmission and distribution systems using an interactive package is included.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance

**Credit points:** 4 **Campus:** GP, EXT

#### ► EEP205 POWER SYSTEM FAULT CALCULATIONS

This unit includes the following: representation of generators, lines, transformers in positive sequence equivalent circuits; balanced fault analysis; selection of source voltages from pre-fault conditions; unbalanced fault conditions; complete sequence representation of power system equipment: transformers, cables and lines per unit positive, negative and zero sequence network diagrams; calculation of generator and transformer sequence equivalent circuits from manufacturer's test data; calculation of line sequence impedances from line layout and soil resistivity, inclusion of tower foot resistances in zero sequence models; residual currents in untransposed lines; interference with telecommunications circuits; short circuit calculations to AS3581 using an interactive computer package.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP204

**Contact hours:** 15 Block mode/distance

**Credit points:** 4 **Campus:** GP

#### ► EEP206 PROJECT MANAGEMENT

This unit includes the principles of project management and the operation of project management packages. Emphasis is on the practical application of PC packages based on exercises related to the electricity supply industry and aimed at promoting the increased use of such packages by engineering and technical staff in the normal course of their work. Details include activity networks, Gantt charts, time schedules, analysis of critical path, types of resources, resource profiles, resource scheduling, and project monitoring and reporting.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance



**Credit points:** 4

**Campus:** GP

► **EEP207 OVERHEAD LINE ROUTE SELECTION - ENVIRONMENTAL FACTORS**

This unit includes an overview of legislation, standards and guides: radio interference, electromagnetic fields, low frequency induction, touch potentials, structure earthing, electrolytic corrosion, clearances, land legislation, and environmental impact statements. Current safety and environmental issues are addressed. Requirements of other public utilities, for example telcos, railways, roadworks, marine, water, gas, and oil, are also considered along with the cost of environmental enhancements and alternative technologies, right of way, and route selection principles: structure types, terrain shielding, identification of natural and man-made features.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

► **EEP208 ECONOMIC ANALYSIS FOR POWER SYSTEM ENGINEERS**

This unit considers the principles of economic analysis for a tax paying entity. Various evaluation techniques are addressed including both discounted and non discounted techniques. The net present value approach is settled on as being the most appropriate approach. Issues such as the effect of interest and inflation on nominal cash flows are addressed. Cost benefit analysis for engineering decision making: econometric models for ESI, maintenance, refurbishment and replacement, are included as well as budgeting and cost control, budget preparation with spreadsheets, cash flows, monitoring expenditure and budget review, profit and loss and balance sheets, and risk analysis including WACC calculations.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP, EXT

► **EEP209 POWER SYSTEM HARMONICS**  
This unit includes the following: generation of harmonics, converters, arc furnaces, SVC, inverters, electronic control; system response characteristics, resonance conditions, effect of load, typical system responses; effects of harmonics, motors, generators, power cables, capacitors, electronic equipment, metering, relaying, telephone interference; reactive power compensation and harmonic control, converter power factor, reactive power compensation, control of harmonic currents; measurement of harmonics; recommended practices including AS2279.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP205

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP, EXT

► **EEP210 ABNORMAL SYSTEM VOLTAGES**

This unit considers the following: supply quality standards, review of criteria, statutory requirements, emergency and short term limits; 50 Hz voltage, cause of voltage deviations, voltages during faults, motor starting; negative phase sequence voltages, AS1359 requirements, voltage unbalance studies, modelling, measurement; voltage transients and flicker, AS2279 requirements, disturbing loads, remedial measures, transient disturbances and power system plant; Power system transient analysis, ATP studies.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP205

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP, EXT

► **EEP211 BASIC POWER SYSTEM PROTECTION**

This unit includes the following: protection systems, reliability and security; methods of grading relays; 'unit' and 'non-unit' protection; causes of faults occurring on power systems and the relays for detection; examination of local back-up protection; effects of substation configurations on protection system design and performance; current and voltage transformers; protection of HV buses; transformer protection; inverse time relays; setting overcurrent and earth fault relays to achieve a coordinated scheme; reclosers, sectionalisers and fuses application and coordination;

commissioning and maintenance of protection systems; performance of protection under fault conditions; information available for the analysis of protection performance.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP205

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP, EXT

► **EEP212 ADVANCED POWER SYSTEM PROTECTION**

This unit includes the following: high impedance protection of power system plant including CT requirements and use of shunt and series resistors, non-linear resistors, check schemes, back-up schemes and CT supervision; protection of transformers, biased and high impedance differential schemes; feeder differential protection, pilot wire, current differential and phase comparison schemes; protection of HV capacitor banks; application of single and 3 pole autoreclosing schemes to transmission systems; protection of large motors; protection of large generators.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP211

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP, EXT

► **EEP213 STATISTICS**

This unit includes the following: the role of statistics in electricity supply engineering; strategies for collecting and recording valid data from which statistical inferences can be made; use of operational and inventory data; graphical and numerical techniques to summarise data using statistical or spreadsheet packages; review of probability concepts, random variables, probability distributions; specific distributions used in system and component reliability studies.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP, EXT

► **EEP214 RISK ASSESSMENT IN THE ELECTRICITY SUPPLY INDUSTRY**

This unit includes the following: identification of hazards, failure modes and effects analysis, failure modes effects and criticality analysis, outcomes from possible failure modes; hazard and operability studies; assessment of frequency, fault tree analysis, event tree analysis; assessment of consequences, consequence analysis, criticality assessment in terms of chance of failure and consequences, incident scenario, damage criteria, damage identification; legal and economic consequences; case studies including identification of hazards, assessment of risks, and consequences in ESI; loss of load models in generation.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP215

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP, EXT

► **EEP215 RELIABILITY**

This unit includes the following: basic reliability concepts, methods, and analysis methods; application of important distributions; failure rate/repair time/mean time failure; reliability of series/parallel/complex systems; discrete Markov Chains and processes; frequency and duration in reliability; the reliability evaluation of repairable systems; application of reliability evaluation in power distribution systems, including cost estimates; reliability assessment in subtransmission system planning, including non-constant transition rate; study of contingencies with switching to restore supply; maintenance in system modelling; probability and frequency of loss of load; unsupplied energy and average load at risk; maximum load at risk; average outage duration.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP213

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP, EXT

► **EEP216 OVERHEAD LINE DESIGN - ELECTRICAL**

This unit includes the following: electrical design of transmission lines with ratings of 33kV to 500kV; economic conductor size; characteristics of conductors; standard and new technology insulators, power frequency, impulse and switching flashover voltage, pollution and creepage,

wet and dry flashover, mechanical characteristics; feasible structure types; tower footing resistance and counterpoise; insulation coordination methodology; determination of overvoltage withstand, design for required outage; determination of RI using state of the art methods; design to ensure that electrostatic and electromagnetic fields do not exceed NH and MRC guidelines.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP201, EEP203, EEP205,

EEP207, EEP210

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

► **EEP217 OVERHEAD LINE DESIGN - MECHANICAL**

This unit includes the following: conductor selection; catenary theory; sag-tension-temperature calculations; requirements for survey data; statutory and enterprise requirements for line layout, clearances, mechanical loading, safety criteria; definition of loading conditions, structure capacities, layout clearances; applied mechanics of strung conductors; determination of everyday tensions from allowable stress or tension/mass ratio; determination of vibration protection; transmission line estimating techniques; selection of structure type based on optimum capitalised costs; line layout.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP208, EEP216

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

► **EEP218 INTRODUCTION TO AUTOMATED SYSTEM CONTROL AND SUPERVISORY SYSTEMS**

This unit includes the following: SCADA fundamentals and protocols; SCADA equipment; master station; remote terminal units; transmission SCADA systems; distribution automation systems; distribution control systems; PC software applications; alarm philosophy and control principles; definition of system displays; data logging; database point processing and attributes; master station configuration; specification of MMI; identification of system functional requirements; computer system platforms; computer technology; computer hardware; communication system principles; communications bearer; data networks and protocols; data communications and I/O capacities and types; I/O processing; application of SCADA systems to transmission and distribution systems; cost/benefits of alternative schemes.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

► **EEP219 HIGH VOLTAGE SUBSTATION EQUIPMENT: POWER TRANSFORMERS AND REACTIVE POWER PLANT**

This unit includes the following: principles of transformer design; distribution transformers to EHV transformers; ratings; windings; core structure; materials, insulation and cooling methods; insulation lifetime; leakage and magnetising reactance; losses, harmonics, inrush currents; short circuit forces; tests to measure ratio, losses, impedance, phasing, temperature rise; accuracy and traceability of tests; interpretation of test reports; surge phenomena in windings; RSG and impulse testing of power transformers; interpretation of test results; oil cooling systems; fire protection; tap changers and controls; analysis of transformer failure modes; in-phase and quad-boost regulators; series and shunt reactors; reactors for harmonic filters; SVCs, design considerations and equipment characteristics.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP203

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

► **EEP220 DISTRIBUTION PLANNING**

In this unit, students are required to complete the following: identify data and techniques used in load forecasting; examine typical distribution network problems and identify performance limitations based on standards; relate network problems to different configurations and the effects on customers; study network reinforce-

ment options on a simulation package including regulators, series and shunt capacitors and reconductoring; consider the above options to address a realistic network problem assessing line losses and voltage results; analyse network reliability and assess the impact of ties, switches and various network configurations; compare alternatives based on economic and technical considerations; prepare a logical case which recommends one option in the form of a report.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP208, EEP211, EEP219

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP221 LIMITS TO POWER SYSTEM STABILITY

This unit includes the following: time domain models and characteristics of synchronous machines; induction generator models; excitation system models, turbine governor models, boiler models, hydraulic system models; characteristics of load plant; evaluation of small signal adequacy by eigenvalue analysis; determination of modes of electromechanical and control systems; identification of modes with insufficient damping, eigenvalue participating states and eigenvectors; time domain dynamic simulations of power system operation; numerical models for prediction of large disturbance behaviour of interconnected power systems; stability of system under contingency and emergency conditions; stability improvement techniques.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP214, EEP215

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP222 MAINTENANCE OF ELECTRICITY SUPPLY SYSTEMS

This unit includes the following: establishment of maintenance policies; review of failure rates; emergency spares; identification of maintenance liabilities and critical success factors; dissemination of policy; maintenance planning; identification of constraints; review of existing maintenance programs, establishment of plans for periodic actions, documentation of procedures; recording of data and analysis; registration of defects; design of data collection and reporting; preparation of control charts, computer systems; database development; maintenance operations; resource evaluations; work procedures; Acts and Regulations; staff training; auditing; maintenance program evaluation; assessment against KPI; program modification.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP214, EEP215

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP223 LOAD FORECASTING

This unit includes the following: nature of load patterns; historical patterns; links between customers and loads and between energy and demand demographics; categories of DSM; costs of DSM options; benefits, and limitations to DSM; tariffs and their impact; impact of economic trends on demand growth; load manipulation; load forecast methods; data collection and availability; weather correction; interpreting data; synthesising missing data; developing load forecast data; developing alternative scenario load forecasts; establishment of base loads from historical load data, customer load predictions, and other contributing factors; prediction of growth rates; generation of load forecasts.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP213

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP224 POWER SYSTEM OPERATION

This unit includes the following: frequency control and AGC under normal load conditions; operation under emergency and contingency conditions; black starting; load shedding philosophy; generation operation; contract fuel prices, variations; automatic generation control systems; analysis of power station operating costs; establishment of optimum operating costs; management of forced outages; management of resources to restore system to normal in minimum time;

abnormality control to prevent plant damage and maintain safety; logging and reporting of forced outages; coordination of planned outages including assessment of risks and contingency planning; control of reactive power and voltage levels under normal and abnormal conditions; load reduction - instantaneous, delayed and planned; maintenance of consumer services and records.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP202, EEP212, EEP214,

EEP221, EEP223

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP230 THESIS A

In this unit, students work in industry for 100 days of supervised practice. As part of this practical training, one or more linked topics are identified that are related to the work of the section in which the training is carried out. A Masters thesis is prepared describing results of studies done by the student during the practical training. It is expected that the thesis will demonstrate that students have deep background knowledge of the topic, can apply advanced skills to formulation and solution of engineering problems, and have an understanding of the relationship of the work to the overall objectives of the workgroup. The thesis will be examined by internal and external examiners appointed by the University.

**Courses:** EE78

**Contact hours:** 15 Block mode/distance

**Credit points:** 12

**Campus:** GP

#### ► EEP231 THESIS B

Work done in this unit and the related unit EEP230 is examined by submission of a single Masters thesis.

**Courses:** EE78

**Contact hours:** 15 Block mode/distance

**Credit points:** 12

**Campus:** GP

#### ► EEP240 ORGANISATION AND FINANCIAL MANAGEMENT IN THE ELECTRICITY SUPPLY INDUSTRY

This unit includes the following: financial reporting, including profit and loss and balance sheet; interpretation of financial data and commercial practices with respect to various line items in financial reports; key performance indicators, the derivation, interpretation and pitfalls; financing arrangements; taxation issues that affect the industry including income tax, repairs, tax effect of depreciation and capital gains tax; various asset management issues including inventory and fixed assets; cost volume profit analysis including breakeven, contribution margin and EBIT.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP241 DISTANCE PROTECTION

This unit includes the following: current transformers; transient performance; saturation factors; effects on relay performance; voltage transformers; transient performance; distance protection; relay selection characteristics; relay comparator operation; non-switched distance protection schemes; switched distance protection; effects of mutual coupling; design of protection schemes and setting relays for complex feeder systems with arc resistance; prevention of inadvertent tripping; prevention of load degradation of distance relay performance; developing grading plans to ensure coordination; understanding relay functions; switch-onto-fault logic; VT supervision; memory; power swing blocking and healthy phase polarising; protection signalling.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP211

**Contact hours:** 15 Block mode/distance

**Campus:** GP, EXT

#### ► EEP242 EFFICIENT MARKETING AND UTILISATION OF ELECTRICITY: DEMAND AND SUPPLY SIDE SOLUTIONS

This unit includes the following: assessment of future DSM options; state, national and international programs; local opportunities; impact of new and evolving technology; comparison of options; determination of avoidable costs; assessment of marginal cost of supply, and identification and avoidable costs; survey of customers;

conducting market research; application of existing tariffs or new tariffs; planning market potential for DSM; comparison of options to meet customer needs and supply authority requirements; economic comparison of DSM and SSM options including combined options; design and implementation of DSM programs; targets, resources, in-house or contract; monitoring program performance; assessment of DSM.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP208, EEP223

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP243 CONTRACT ADMINISTRATION

This unit includes the following: categories of contracts, supply, maintenance, period; general conditions of contract; terms of payment and security deposit; QA procedures; retention conditions; special conditions; delivery and penalties for delay; technical provisions; penalty/bonus for such factors as efficiency/performance/ maintenance/reliability; pre-tender negotiation practice; evaluation of tenders; tender adjustments; determination of the lowest price; tender acceptance; contract correspondence; drawings, standards and amendment; contract law; dispute resolving procedures; contract monitoring; approval of drawings and documents; approval of delivery, erection, site testing, acceptance, takeover, maintenance period retention provisions.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP208

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP244 CIRCUIT BREAKERS - SWITCHGEAR

This unit includes the following: SF6, vacuum, GIS, minimum oil, airbreak, bulk oil circuit breakers; circuit-breaking principles; calculation of switching surges, TRV and ITRV; current inrush; interruption of load current, and small inductive current; capacitive switching; short-line-faults and out-of-phase switching; specification of circuit breakers; Australian and International standards; selection of circuit breakers; analysis of tenders; circuit breaker failure modes; catastrophic failures; condition monitoring techniques; maintenance and refurbishment; circuit breaker testing and test report evaluation; new circuit breaker technologies.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP210

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP245 INTRODUCTION TO SUBSTATION DESIGN

This unit includes the following: preparation of design/site options; standard layouts (outdoor, indoor, GIS, package, single bus, 1.5 CB, etc); cost, site, reliability lead time and communication factors; estimating procedures; comparison of design/site options; whole of life cost comparison including capital and operative costs; environmental and public issues; identification of design parameters (voltages, ratings, protection, metering, SCADA, communication, operational); preparation of one-line diagram and general arrangement; design scope; review with other parties.

**Courses:** EE60, EE78, EE82

**Prerequisites:** EEP202, EEP219, EEP244

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP246 CUSTOMER METERING

This unit includes the following: tariff structures network and retail; metered parameters kW, kWh, var, varh, VA, VAh; power factor, demand and their interrelationships; electronic metering multifunction; measurement methods; advantages and limitations; HV metering; import/export metering; limitations; Blondel's theorem; safety aspects; current and voltage transformers; theory of operation and accuracy limitations; metering in the deregulated market; single and polyphase electromechanical metering; method of operation and techniques used to measure reactive power; electronic registers, summation registers and other techniques for customers with multiple points of supply; communication methods in

remote meter reading; standards and regulatory bodies, Australia and international.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP248 INTRODUCTION TO ELECTRICITY MARKETS

This unit addresses the following: problems associated with monopoly utilities and the central planning model; economic models of markets including perfect competition, monopoly and oligopoly; deregulation of the electricity supply industry; applied competition on electricity generation, the spot market; theory of derivative instruments; applied risk management, the electricity derivatives market; electricity market simulation; potential failures in the deregulation environment.

**Courses:** EE60, EE78, EE82

**Contact hours:** 15 Block mode/distance

**Credit points:** 4

**Campus:** GP

#### ► EEP301 PROJECT 1/2

Students carry out research or development work on a project in specified areas. This can be done over two semesters.

**Courses:** EE74, EE77

**Credit points:** 24

**Campus:** GP

#### ► EEP304 PROJECT COMPONENT

Basic engineering research, design and development skills are essential for engineers working on projects in the research field or in industry. A complete project will contain a number of development phases, to varying extents, in the areas of feasibility, literature review, specification, design, simulation, implementation and testing. In this unit students will concentrate on at least one of the above aspects of a project. They will get the opportunity to apply themselves to a research/design/development task, and produce a technical report on the progress achieved. This unit requires maturity and knowledge of earlier/concurrent course material and should be done at the end of the course. The project component can be industry or school based.

**Courses:** EE82, EE60, EE78

**Credit points:** 12

**Campus:** GP

#### ► EFB101 DATA ANALYSIS FOR BUSINESS

The unit introduces the common statistical methods and tools for inference and decision making in business. It builds upon the concepts developed in the unit BSB122 Business Information Analysis and Communication and covers important methods of data analysis with an emphasis on interpreting and understanding reported business and economic data. Topics include the concept of sampling error and sampling distributions, estimation and hypothesis testing, regression analysis, time series and an introduction to non-parametric statistical methods.

**Courses:** BS56, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** BSB122

**Contact hours:** 4 per week

**Credit points:** 12

**Incompatible with:** EPB109, EPB110,

MAB101, MAB347

**Campus:** GP

**Sem:** 1, 2

#### ► EFB102 ECONOMICS 2

Consumer behaviour, the role of the government in market intervention, allocative efficiency and market structure are some of the fundamental issues in microeconomics addressed in this unit. Business cycles and the related issue of macroeconomic stabilisation policy are analysed and explained within the Australian context. The significance of the international economy is described through a discussion of foreign exchange markets, the Australian dollar and the terms of trade.

**Courses:** BS56, ED50, IF28, IF30, IF37, IF41, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** BSB113

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► EFB200 APPLIED REGRESSION ANALYSIS

This unit expands on the basic multiple regression model introduced in EFB101, by examining the practical problems encountered in using the single equation econometric model. In particular, the major problems encountered using real data, such as multicollinearity, serial correlation in time series data and heteroskedasticity in the case of cross-sectional data, specification error, and alternative functional form issues will be illustrated in the context of published Australian data. The unit includes extensive use of a commonly used computer package to allow the practical application of the various techniques.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62

**Prerequisites:** EFB101 or MAB101

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** EPB102

**Campus:** GP

**Sem:** 1

#### ► EFB201 FINANCIAL MARKETS

This unit introduces students to the institutional structure of global financial markets, and thereby complements the understanding of theoretical finance gained in either EFB206 or EFB210. Topics covered include the functions of financial markets, the banking and payments system, financial system deregulation, non-bank financial institutions, stock exchange operations, corporate and government debt markets, the Euromarket and markets for financial derivatives.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** BSB122 completed from Sem 2, 2004; or EFB210

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB100

**Campus:** GP

**Sem:** 1

#### ► EFB202 BUSINESS CYCLES AND ECONOMIC GROWTH

This unit develops an analytical framework in order to evaluate the macroeconomic performance of the Australian economy and the policy actions taken by government. Key issues addressed include business cycle stabilisation, unemployment, inflation, economic growth, the balance of payments, the commonwealth budget, and national saving.

**Courses:** BS56, ED50, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** EFB102

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** EPB141, EPB142

**Campus:** GP

**Sem:** 1

#### ► EFB210 FINANCE 1

This unit includes the following: an introduction to the Australian institutional framework, terminology, debt and equity instruments; financial mathematics applied to the pricing of debt and equity securities; a firm's investment decision; Net Present Value (NPV) and Internal Rate of Return (IRR); introduction to risk and uncertainty; Capital Asset Pricing Model (CAPM) and Weighted Average Cost of Capital (WACC).

**Courses:** BS56, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** BSB110, BSB113

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB107, FNB111, EFB206

**Campus:** GP

**Sem:** 1, 2

#### ► EFB211 FIRMS, MARKETS AND RESOURCES

This unit is concerned with the economic analysis of the decisions and actions of consumers, firms, and governments in modern economies. It develops students' understanding of that body of economics that is expressly concerned with the operations of, and inter-relationships between, the individual units of the economy. The unit is designed, not only to foster both clear thinking about the interplay between government, private firms, and consumers, but also to develop the student's ability to apply microeconomic concepts to economic problems that the student has not previously encountered.

**Courses:** BS56, ED50, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** EFB102

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► EFB307 FINANCE 2

This unit includes the following: the financing decision - capital structure, debt versus equity, lease versus debt, term structure versus default structure of interest rates; the dividend decision - dividends versus capital gains, franked versus unfranked income; firm valuation - free cash flow model, evaluation of takeovers; risk and return - diversification, the CAPM model, its practical application and its relationship to efficient market hypothesis. The unit also introduces forwards, futures, options, warrants, convertibles and risk management using financial derivatives.

**Courses:** BS56, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** EFB210

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB112

**Campus:** GP

**Sem:** 1, 2

#### ► EFB308 FINANCE 3

This unit includes the following: a study of contemporary finance research; CAPM; beta estimation; valuation theory; market efficiency; value at risk; use of finance research tools; anomalies and extension of finance theories. Students are required to complete a research project combining theory and practice.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** EFB307

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB113

**Campus:** GP

**Sem:** 2

#### ► EFB309 FINANCIAL DERIVATIVES

This unit extends students' knowledge of financial derivatives as obtained in Finance 2. Topics include the following: advanced option pricing models; advanced option trading strategies; exotic options; forward and futures pricing models; hedging commodities and equities by using futures; forward rate agreement and interest rate swaps; financial risk management issues.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62

**Prerequisites:** EFB307

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► EFB310 FINANCIAL INSTITUTIONS - CONTROL

This unit introduces students to the fundamental principles of controlling the risk profile and capital position of a deposit-taking financial institution to maintain solvency. The basic framework of the unit is based on the regulatory capital adequacy regimes, supplemented by consideration of the more sophisticated internal models of risk developed by financial institutions themselves. Relevant case studies demonstrate the imperative for, and application of, the risk management framework.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62

**Prerequisites:** EFB206 or EFB210

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB124, FNB115

**Campus:** GP

**Sem:** 2

#### ► EFB311 FINANCIAL INSTITUTIONS - LENDING

This unit examines the role of credit analysis from the perspective of the lending institution and also the borrower. Topics ranging from simple consumer credit models through to more complex corporate approaches are examined. An emphasis is also given to exploring leading-edge credit models developed and used by many major banks for lending decisions. The unit is designed for those students planning to work in the credit field or aiming for finance positions within business where an understanding of lending decisions will enhance their business dealings.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62

**Prerequisites:** EFB210

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** FNB114

**Campus:** GP

**Sem:** 1

#### ► EFB312 INTERNATIONAL FINANCE

This unit examines the theory and practice of international finance: the mechanics and uses of

the spot, forward, swap, futures and options markets in foreign exchange; the relationship between domestic and international capital markets; interest rate and exchange rate determination; risk management of foreign exchange; international trade finance; evaluation of offshore investment (including country risk).

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62

**Prerequisites:** EFB206 or EFB210

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** FNB120, EFB212, EPB132

**Campus:** GP **Sem:** 2

#### ► EFB314 INTERNATIONAL TRADE AND ECONOMIC COMPETITIVENESS

The unit analyses the increasing globalisation of world trade and investment, and develops an analytical framework to assess the impact of these flows on the Australian economy, its businesses, people and policy makers. It examines the patterns of trade and capital flow.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** EFB211 & EFB202

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EPB130, EPB132, EFB212

**Campus:** GP **Sem:** 2

#### ► EFB318 PORTFOLIO AND SECURITY ANALYSIS

This unit includes the following: management of investment portfolios; diversification; performance management; risk management; advanced theories on option pricing, efficient markets, futures trading (hedging) and asset pricing.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62

**Prerequisites:** EFB307

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** FNB126

**Campus:** GP **Sem:** 1

#### ► EFB323 FINANCIAL AND MONETARY ECONOMICS

This unit emphasises the economics of financial markets and their interaction with the real sector of the economy. Major attention is devoted to the flow of funds, the theory and behaviour of interest rates, the structure and regulation of financial markets, the role of the central bank and the operation of monetary policy. The unit builds on the microeconomic and macroeconomic foundations laid in EFB202 and EFB211.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62, IX03

**Prerequisites:** EFB202

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EFB215

**Campus:** GP **Sem:** 2

#### ► EFB324 MACROECONOMICS AND GLOBAL FINANCIAL MARKETS

The unit provides an in-depth understanding of the interplay between macroeconomic policies and global financial markets. Macroeconomic frameworks adopted in this unit are practically oriented and much of the material with which they deal is drawn from relevant events of recent decades. The unit discusses various analytical tools and policy approaches to the macroeconomy as they affect both developed and developing countries. Particular emphasis is given to how a good knowledge of macroeconomics helps in understanding international financial market developments and also, to some extent, how fluctuations in such markets can have serious implications for macroeconomic conditions and economic policy.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** EFB202

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► EFB325 FINANCIAL MICROECONOMICS

This unit addresses the theoretical microeconomic foundations of financial economics, focusing on how individuals and firms deal with uncertainty and situations involving strategic interactions. The theoretical concepts are illustrated with application from both the private and public sector. Contents include game theory and

its economic applications, expected utility theory, risk analysis, intertemporal preferences, cost of capital, demand for capital, and asymmetric information.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** EFB211

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► EFB326 APPLIED PORTFOLIO MANAGEMENT

This unit introduces the student to the treasury environment in which financial institutions operate. The key to the unit is the raising of funds and the management of interest rate risk. This unique hands-on unit allows students to develop these skills by trading in a simulated environment of international economic uncertainty. Students have trading parameters within which they should operate. Students must make decisions concerning source of funds, term and duration, interest rate re-set, and risk management with derivatives. Trading will be conducted over a simulated four quarter year.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** EFB210

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► EFB327 ECONOMETRICS OF FINANCIAL MARKETS

The Econometrics of Financial Markets provides a comprehensive introduction to models of economic behaviour in financial markets, using the tools of discrete time-series analysis. This subject aims to give grounding in the necessary econometric methods before demonstrating how competing theoretical models may be tested. It provides illustrative empirical results from the stock, bond and foreign exchange markets.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60

**Prerequisites:** EFB200

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► EFB328 PUBLIC ECONOMICS AND FINANCE

This unit applies microeconomic principles to a range of public finance issues. In particular, the role of government expenditure and finance in the areas of education, health and the environment is examined, with an emphasis on the critical analysis of economic arguments for and against government intervention. The topics in this unit are unified by a concern with the sources of market failure, their impacts on efficiency, the role, if any, of government in their presence, and the economic and financial instruments available to governments to improve the efficiency of resource allocation.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** EFB211

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► EFN401 ADVANCED FINANCIAL INSTITUTIONS MANAGEMENT

This unit covers a selection of major topics facing the management of international financial institutions. The theory and regulation of financial institution management are placed in the context of major events in the international financial markets. Case studies include the Asian financial crisis, Japanese banking system 1990-2003, Enron, LDC sovereign debt crisis, Savings & Loan crisis and the Basel Capital Accord.

**Courses:** BS93, GS40, GS48, GS75, GS76, GS85, GS97

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► EFN405 MANAGERIAL ECONOMICS

This unit includes the following: managerial decision making in an economic environment; an introduction to economics, demand analysis, cost analysis, market strategy and the macroeconomic environment; problems of resource allocation at the firm, in industry and in the economy.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EPN102, GSN203, GSN411, GSN414

**Campus:** GP

**Sem:** 1

#### ► EFN406 MANAGERIAL FINANCE

This unit is an introduction to the world of finance and financial management. Topics include the following: the finance function, the role of the financial manager; the Australian financial environment; sources of funds; present and future value; time value of money; financial mathematics; introduction to valuation; cost of funds; the firm investment decision; investment evaluation techniques; capital budgeting; portfolio theory; risk and return; capital asset pricing model; dividend policy; financial structure policy; futures; options.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** FNN102, GSN413, GSN423

**Campus:** GP **Sem:** 1, 2

#### ► EFN408 SPECIAL TOPIC - ECONOMICS, BANKING AND FINANCE A

This unit provides the opportunity to study in detail, at a postgraduate level, specific current issues relating to economics, banking or finance. The nature of the unit varies from year to year depending upon contemporary issues and the interests of staff.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EPN116 **Sem:** 2

#### ► EFN410 ECONOMIC AND FINANCIAL MODELLING

This unit introduces students to the modelling techniques which are frequently used in a business and financial environment. Modelling is used as an aid to decision-making, as a means of forecasting important variables and as a planning and analysis tool. Various modelling exercises are used to illustrate the use of these modelling techniques in an economic and financial context.

**Courses:** GS40, GS48, GS75, GS76, GS85, GS97

**Prerequisites:** EFN412

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** AYN419, EFN503, FNN103

**Campus:** GP **Sem:** 2

#### ► EFN411 SPECIAL TOPIC - ECONOMICS, BANKING AND FINANCE B

This unit provides the opportunity to study in detail, at a postgraduate level, specific current issues relating to economics, banking or finance. The nature of the unit varies from year to year depending upon contemporary issues and the interests of staff.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Sem:** 2

#### ► EFN412 ADVANCED MANAGERIAL FINANCE

This unit expands on material introduced and developed in EFN406 Managerial Finance. Its objective is to examine the key decisions made by corporate financial managers (that is the investment, financing and dividend decisions). In addition, a number of topics of special interest to financial managers will also be covered, namely leasing, working capital management, risk management and takeovers.

**Courses:** BS39, BS93, GS40, GS48, GS75, GS76, GS85, GS97

**Prerequisites:** EFN406

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► EFN413 SECURITIES LAW

This unit examines the legal framework of those working in the securities industry. The unit looks at the system of law operating in Australia, provides a study of the law of contract and provides an introduction to the law of torts, particularly negligent misstatement. Corporations law as it affects dealers, advisors and participants of the securities industry is included. The law of business associations, takeovers and market offences is examined.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► EFN414 INTERNATIONAL FINANCE

This unit introduces the theory and practice of international finance, the relationship between domestic and international financial markets, international parity conditions and arbitrage, foreign exchange risk management, interest rate, risk management, international trade finance, international portfolio investment, multinational cost of capital and capital structure, and international capital budgeting.

**Courses:** BS39, BS93, GS40, GS48, GS75, GS76, GS85, GS97

**Prerequisites:** EFN406

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EFB312 EFN417

**Campus:** GP **Sem:** 2

#### ► EFN415 SECURITY ANALYSIS

This one-semester unit deals with security analysis and portfolio management. The unit is both practical and theoretical. Topics covered include the following: portfolio theory and the capital asset pricing model; bond and equity portfolio management; fundamental valuation techniques; portfolio hedging; active vs. passive investment strategies; and the evaluation of portfolio performance. The ultimate purpose of this unit is to provide the necessary tools for students to manage investment risk and return, select mispriced securities, design and administer investment portfolios, accomplish goals in portfolio management, and measure the performance of investment management.

**Courses:** BS39, BS93, GS40, GS48, GS75, GS76, GS85, GS97

**Prerequisites:** EFN406

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EFB318, EFN408

**Campus:** GP **Sem:** 2

#### ► EFN416 TREASURY AND PORTFOLIO MANAGEMENT

This unit introduces the student to the treasury environment in which financial institutions operate. The key to the unit is the raising of funds and the management of interest rate risk. This unique hands-on unit allows students to develop these skills by trading in a simulated environment of international economics uncertainty. Students have trading parameters within which they should operate. Students must make decisions concerning source of funds, term and duration, interest rate re-set, and risk management with derivatives. Trading will be conducted over a simulated four quarter year.

**Courses:** GS40, GS48, GS75, GS76, GS85, GS97

**Prerequisites:** EFN406

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► EFN417 AN INTRODUCTION TO INTERNATIONAL FINANCE

This unit provides an introduction to international financial issues involved in managing the multinational corporation's (MNC) finance functions. Material covered includes the following: the theories and empirical evidence that are necessary for the sound understanding of MNC's international financial environment; the foreign exchange and other international financial markets; the key techniques for the management of international financial risks including exchange rate risk, country risk and interest rate risk, and the sourcing and investment of the MNC's funds both in the short-term and the long-term.

**Courses:** BS93, GS40, GS41, GS48, GS85, GS86

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EFN414

**Campus:** GP **Sem:** 2

#### ► EFN418 INTRODUCTION TO FINANCIAL RISK MANAGEMENT

This is a risk management unit at the intermediate level, which provides students with the ability to identify, assess and subsequently reduce common financial risks of business within an open economy. The role of the financial risk manager is central to this understanding, particularly in relation to how the manager makes decisions in

relation to financial risks, which of those risks need to be controlled, the extent of mitigation, and the techniques used to neutralise them.

**Courses:** BS93

**Prerequisites:** PUN008 or BSB113 or equivalent

**Contact hours:** External mode

**Credit points:** 12

**Incompatible with:** EFN406 or GSN413

**Campus:** EXT **Sem:** 2

#### ► EFN500 CONTEMPORARY MACROECONOMIC THEORIES

This unit introduces students to the latest theoretical developments in the field of macroeconomics using both qualitative and quantitative approaches. It places these theories in their historical, philosophical and societal contexts. This unit looks at New Classical, New Keynesian and other theoretical approaches to a range of issues. These include the following: expectation theories, supply side economics, theories of labour markets, monetary theories, real business cycle theories and growth theories (including the role of international trade). Also differences in the theoretical foundations of macroeconomic policies employed internationally are highlighted.

**Courses:** GS40, GS41, GS48, GS85, GS86

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EPN111

**Campus:** GP **Sem:** 1

#### ► EFN501 CORPORATE AND COMMERCIAL LENDING

This unit addresses the theory and practice of international corporate and structured senior bank lending, at the level of the individual loan transaction. Major topics covered include loan pricing and structuring, euro-market practice and documentation, credit risk analysis, relationship lending, syndicated and project finance.

**Courses:** BS39, BS93, GS40, GS48, GS75, GS76, GS85, GS97

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► EFN502 DEVELOPMENTS IN MICROECONOMIC THEORIES

Discussion of refinements in microeconomic theory such as consumer demand theory, labour supply, intertemporal demand, producer theory, market structure, theory of regulation, externalities, and public goods are considered in this unit. It explores refinements in microeconomic theory which have been contemporaneously used in the development of government policies in areas such as the environment, energy, public enterprises and industrial development.

**Courses:** BS39, BS93, GS40, GS48, GS75, GS76, GS85, GS97

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EPN108

**Campus:** GP **Sem:** 1

#### ► EFN504 FINANCE HONOURS

This unit provides an advanced coverage of the theory of financial management, building on work done in the undergraduate course with reference to empirical evidence where available; topics include the following: capital markets; investment decisions; market equilibrium; the capital asset pricing model; arbitrage pricing theory; capital structure; dividend policy; efficient capital markets. The unit provides a theoretical basis allowing for evaluating policy problems in the area of financial management, a prerequisite for further specialisation in this area.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** FNN101

**Campus:** GP **Sem:** 1

#### ► EFN505 FINANCIAL RISK MANAGEMENT

The unit covers the main areas of modern risk management. The focus will be on measuring and managing risks in financial institutions. Particular attention is paid to developing understanding of the analytical techniques employed in the construction of hedging strategies and the interrelations between the main areas of risk management. The unit also emphasises empirical applications and assessment of risk management techniques. Topics covered include the current state of prudential regulation of financial institutions,

measurement and management of market risks, hedging strategies with derivatives, and managing interest rate and exchange rate risks.

**Courses:** BS39, BS93

**Prerequisites:** EFN415 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** FNN104

**Campus:** GP **Sem:** 1

#### ► EFN506 ADVANCED INTERNATIONAL FINANCE

This unit includes a rigorous study of the major issues in international finance pertaining to the foreign exchange market, international parity conditions, hedging of foreign exchange risk, international asset pricing, international portfolio diversification, international cost of capital and capital structure, international capital budgeting and international financial markets integration. This unit is subject to availability and demand.

**Courses:** BS39, BS93, GS40, GS48, GS75, GS76, GS85, GS97

**Prerequisites:** EFN414 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:**

#### ► EFN507 ADVANCED CAPITAL BUDGETING

Topics in this unit include the following: capital investment analysis; the NPV rule; adjusted present value; replacement decisions; retirement decisions; unequal lives; optimal life; cost of capital; estimating beta; capital rationing; valuation of new issues; mergers and takeovers; analysis of financial and leverage leases; the impact of recent taxation changes on the financing, dividend and investment decisions of the firm; capital budgeting in an international context. The course includes a series of case studies, problems and exercises, which require the student to apply the theory they have learned, to practical situations not covered in normal undergraduate courses. A basic understanding of spreadsheets is assumed.

**Courses:** BS39, BS93

**Prerequisites:** EFN406, EFN412

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EFN400, FNN100

**Campus:** GP **Sem:** 2

#### ► EFZ102 ECONOMICS 2

Consumer behaviour, the role of the government in market intervention, allocative efficiency and market structure are some of the fundamental issues in microeconomics addressed in this unit. Business cycles and the related issue of macroeconomic stabilisation policy are analysed and explained within the Australian context. The significance of the international economy is described through a discussion of foreign exchange markets, the Australian dollar and the terms of trade.

**Courses:** BS57

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** EFB102

#### ► EFZ210 FINANCE I

This unit includes the following: an introduction to the Australian institutional framework, terminology, debt and equity instruments; financial mathematics applied to the pricing of debt and equity securities; a firm's investment decision; Net Present Value (NPV) and Internal Rate of Return (IRR); introduction to risk and uncertainty; Capital Asset Pricing Model (CAPM); Weighted Average Cost of Capital (WACC).

**Courses:** BS57

**Prerequisites:** BSB110, BSB113

**Contact hours:** 3 per week **Credit points:** 12

**► GSN224 CORPORATE PHILANTHROPY**  
 The nature of the relationship between the for-profit corporation and the nonprofit sector is invariably through corporate philanthropy. This unit examines five issues central to corporate philanthropy: the law and taxation, cause related alliances, corporate foundations, business giving models in Australia and corporate social responsibility. The unit is taught through case studies in Australian and international practice.

**Courses:** BS47, BS91, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

### ► GSN225 BUSINESS DEVELOPMENT IN CREATIVE INDUSTRIES

This unit introduces issues involved in selecting and refining a concept/idea/new product in the creative industries. Topics include the following: business opportunity recognition; screening for potential viability and sustainable competitive advantages; identifying and analysing strategic options; creating a marketing strategy, and outlining the production and operations; human resources; financial plans for a selected creative industries venture. Students build the components of a business model for their selected creative concept and write a formal business plan for that concept/product. Students examine and critique the business models of a variety of existing businesses in the creative industries.

**Courses:** BS39, BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97, IF02, IF04

**Corequisites:** GSN401, GSN408

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

### ► GSN226 ARTS POLICY AND STRATEGY

This unit analyses the function and processes of arts policy and its relationship to society, the arts organisation, and the profession of arts management. This includes an investigation of the status of the artist, public policy, funding processes, cultural economics, international perspectives and contemporary policy issues and strategies in the non-profit sector.

**Courses:** BS39, BS47, BS91, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97, IF02, IF04

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MKP108, MIN400  
**Campus:** GP **Sem:** 1

### ► GSN227 ARTS AND CULTURAL MANAGEMENT

This unit provides students of arts and cultural management with an investigation and analysis of the management function of the not-for-profit arts organisation. It examines the strategic management approaches and operational procedures of arts organisations, including their relationships with the legal system, the media, business, the public, and the industrial provisions and human resources of the organisation.

**Courses:** BS39, BS47, BS91, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97, IF02, IF03, IF04

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MKP109, MIN430  
**Campus:** GP **Sem:** 2

### ► GSN228 MARKETING ARTS AND CULTURE

This unit examines and applies theories of arts marketing for arts cultural organisations. The focus is on audience development, but product and service development models in the mission driven arts environment provide the context for students to develop marketing strategies, marketing plans and campaigns for arts and cultural management.

**Courses:** BS39, BS47, BS91, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97, IF02, IF03, IF04

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MKP107, MIN415  
**Campus:** GP **Sem:** 1

### ► GSN233 SPECIAL TOPIC IN PHILANTHROPY AND NONPROFIT STUDIES

This unit is developed around the visiting adjunct professors or visiting scholars to the Centre of Philanthropy and Nonprofit Studies. It provides students with access to contemporary issues and experts in the field and involves in-depth examination of an issue of importance.

**Courses:** BS47, BS91, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

### ► GSN401 MANAGING IN THE GLOBAL BUSINESS ENVIRONMENT

Competence in managing is the key to success for any organisation and for any person within that organisation. The knowledge and ability to

manage within the global business environment are crucial requirements for today's and tomorrow's managers. This unit introduces the planning, leading, organising and controlling functions of management to elucidate current trends in management in the global environment.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97, IF01, IF02, IF03, IF04

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** GSN204, MGN409  
**Campus:** GP **Sem:** 1, 2, 3

### ► GSN403 UNDERSTANDING DATA

This unit is designed to provide students with a clear understanding of different types of data and techniques to present tackle real world problems relevant to business and managers. Students are introduced to various techniques of organising, presenting and analysing economic and business data. Topics include probability theory, descriptive and inferential statistics.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** EFN409  
**Campus:** GP **Sem:** 1, 2, 3

### ► GSN404 FINANCIAL STATEMENTS ANALYSIS 1

This unit introduces students to basic accounting concepts and financial statements, and then explores methods of analysing them to give an informed understanding of the financial well being of the entity. Throughout, it takes the perspective of the user of financial statements, and in this role, explores the information in financial statements and how the three basic accounting statements are linked, and interdependent. The course guides students through the processes of analysing financial statements, interpreting findings and understanding what the analysis and other contextual data tell them about the business.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** AYN416, GSN202  
**Campus:** GP **Sem:** 1, 2, 3

### ► GSN405 STRATEGIC MANAGEMENT

Strategy is the process of determining goals and moving towards the achievement of those goals in a business, government, or not-for-profit setting. This unit introduces the concept of strategy and explores the basic tenets of the strategy process, competitive advantage, and strategic management in a changing global environment. It lays in the foundations for students in terms of understanding contemporary thinking in the strategy field. The learning process is enhanced by practical real-time examples of strategy in action utilising the case study method of learning.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN401 **Corequisites:** GSN401

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 2, 3

### ► GSN406 HUMAN RESOURCE MANAGEMENT ISSUES

This unit examines the challenges faced by managers in achieving effective human resource management in the contemporary business environment. An issues-based approach is adopted to focus attention on the need for the individual managers to complement their technical expertise with knowledge and skills in people management. Specific attention is given to the human resource management implications arising from the global business environment and the changing nature of organisations.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN401, GSN409

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 2, 3

### ► GSN407 BUSINESS COMMUNICATION

Business Communication is an introductory unit that promotes effective written and spoken communication skills in a range of situations encountered by managers. Students better understand the principles of effective written and spoken com-

munication through theory and undertaking several practical exercises and tasks.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** CON404  
**Campus:** GP **Sem:** 1, 2, 3

### ► GSN408 FUNDAMENTALS OF MARKETING MANAGEMENT

This unit provides students with the opportunity to critically examine and evaluate the role of marketing and its contribution to the strategic processes of the modern firm operating in an increasingly competitive national and international environment. Key marketing decision areas are examined, including the marketing concept, the marketing mix, marketing information systems and marketing research, market segmentation, targeting and positioning, and the process of marketing planning, implementation and control. Students have the opportunity to consider the evolution of marketing philosophy, determinants of consumer and organisational behaviour and the influences of environmental forces on marketing decision-making within the firm.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97, IF01, IF02, IF03, IF04

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** GSN206  
**Campus:** GP **Sem:** 1, 2, 3

### ► GSN409 ORGANISATIONAL BEHAVIOUR 1

Organisational Behaviour 1 is an introductory unit which analyses human behaviour at work with a focus on issues of personality, motivation, group interaction, occupational stress, and health and organisational change. The unit examines issues related to aspects of the working environment and to the relationship between managerial strategies, organisational structures and their effects on performance, health and autonomy.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Corequisites:** GSN401

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** MGN412  
**Campus:** GP **Sem:** 1, 2, 3

### ► GSN410 ENTREPRENEURSHIP

This unit introduces the student to the field of entrepreneurship and planning for new business initiatives in the global business environment. Topics include the following: entrepreneurial attitudes, abilities and behaviours; developing an entrepreneurial culture; opportunity recognition and viability screening; first-mover advantages and disadvantages; risk recognition and risk reduction strategies; intellectual property protection. Students examine and critique several business plans and/or case studies.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97, IF03, IF04

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** GSN300  
**Campus:** GP **Sem:** 1, 2, 3

### ► GSN411 ECONOMICS OF STRATEGY 1

Competitive strategy requires an understanding of the market context in which the business firm is operating, and increasingly this means the global market context. This unit is concerned with the microeconomics of strategic business choices, such as acquiring a competitor, supplier, or major customer, or diversifying into similar and dissimilar markets, using economic concepts such as economies of scale, economies of scope, incremental costs and transaction costs. Topics include the economics of the firm, transactions costs, the economics of vertical integration, 'make or buy' decision, economies of scale, and scope and agency theory.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN405

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** EFN405, GSN203  
**Campus:** GP **Sem:** 1, 2, 3



**► GSN412 BUSINESS LAW 1**

This unit provides managers with an overview of basic legal principles, which form the foundation of the laws of commercial transactions from the perspective of, and with particular relevance to, managers. Students learn key elements of the rules governing business dealings by the interaction of the laws of contract, agency and franchising, property law, securities and bailment, company law and consumer law. The unit also introduces students to the Australian legal and statutory structure and provides an overview of the legal nature of business entities.

**Courses:** GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN401 **Corequisites:** GSN401

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** AYN410

**Campus:** GP

**Sem:** 1, 2, 3

**► GSN413 FINANCIAL MANAGEMENT 1**

This unit introduces the student to the international financial environment in which business operates. The three major lessons in finance (time value, diversification and arbitrage) are introduced. Topics include time value of money, valuation, sources of funds, behaviour of firms and financial markets, introduction to investment evaluation, diversification, risk and return, and cost of capital.

**Courses:** GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN403

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** EFN406

**Campus:** GP

**Sem:** 1, 2, 3

**► GSN414 BUSINESS CONDITIONS ANALYSIS 1**

This unit provides managers with an understanding of some of the key factors affecting business conditions. Students are introduced to the most important economic concepts through a series of international case studies. These concepts include, among others, opportunity cost, supply and demand, elasticity, efficiency, comparative advantage, saving and investment, and gross domestic product (GDP). In the process, students have the opportunity to evaluate, critically, the determinants of market outcomes, environmental policy, international trade policy, competing indicators of economic welfare, and policy aimed at lifting national savings.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** EFN405, GSN203

**Campus:** GP

**Sem:** 1, 2

**► GSN415 UNDERSTANDING LEADERSHIP**

Leadership is the process of persuasion or example by which an individual influences others to pursue identified goals. The skills of leadership can be identified and learned. This unit explores the attributes, roles and tasks of leaders in contemporary business situations and the issues that impact on leadership, such as leader-follower interaction, ethics, leadership characteristics, and leadership development. This unit culminates in the development of leadership profiles of contemporary leaders with an exploration of their characteristics and how their leadership roles are exercised.

**Courses:** BS47, BS91, GS40, GS42, GS44, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Campus:** GP

**Sem:** 1, 2, 3

**► GSN416 BUSINESS PLANS 1**

This unit prepares students for writing a formal business plan for a new business venture. Business planning is an intensive viability screening exercise in which the business planners must consider all strategic alternatives, choose a preferred 'business model' and analyse whether or not the proposed new venture appears to be viable. The business plan is a document that communicates this viability to an investor or other potential stakeholders in the new business. The structure and content of the business plan is thus crafted strategically according to its role in a

multi-stage communication process with the target reader.

**Courses:** BS47, BS91, GS40, GS41, GS42, GS43, GS44, GS48, GS50, GS85, GS86, GS93, GS97, IF13, IF15, IF98, IF99

**Prerequisites:** GSN404, GSN408, GSN410, GSN413, GSN415

**Contact hours:** 3 per week

**Credit points:** 6

**Campus:** GP

**Sem:** 1, 2, 3

**► GSN417 EFFECTIVE ADVOCACY FOR MANAGERS**

Effective Advocacy for Managers is an elective unit that builds upon work completed in GSN407. This unit is designed to enhance students' presentation skills. It covers the practical application of key theories of Speech Communication to create managers who are effective persuaders, opinion leaders, and facilitators of change in a business environment. The issues covered include the following: structuring and designing for an audience; developing a persuasive theme; using imagery and language effectively; developing presentations.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN407

**Contact hours:** 3 per week

**Credit points:** 6

**Campus:** GP

**Sem:** 2

**► GSN418 MARKETING STRATEGY DEVELOPMENT**

This unit builds upon the foundation provided by GSN408 and examines the managerial process involved in identifying and developing effective marketing strategies. It examines the role of marketing within the strategic processes of the modern firm and considers the process involved in strategic marketing in the global business context. It takes a case based approach to illustrating the effectiveness of key approaches to marketing strategy development and highlights the importance of new and emerging fields of marketing practice.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN408

**Contact hours:** 3 per week

**Credit points:** 6

**Incompatible with:** GSN206

**Campus:** GP

**Sem:** 1, 2, 3

**► GSN419 ORGANISATIONAL BEHAVIOUR 2**

Organisational Behaviour 2 is an elective unit which builds upon work completed in Organisational Behaviour 1. The unit provides an extensive analysis of human behaviour with particular emphasis on behaviour in groups and in larger organisations. Topics include organisational structure and design, teamwork and group work, organisational culture, power and politics, communication, conflict and negotiation, and innovation and organisational development.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN409

**Contact hours:** 3 per week

**Credit points:** 6

**Incompatible with:** MGN412

**Campus:** GP

**Sem:** 1, 3

**► GSN420 NEW VENTURE STRATEGY**

This unit considers competitive strategy and the requirements for resource-based sustainable competitive advantage in the context of new business ventures. Topics include the following: generic competitive strategies; entry strategies; strategies to counter environmental threats and weaknesses; strategies to exploit firm strengths and opportunities; competitive strategies (cost leadership and differentiation); cooperative strategies (tacit collusion and strategic alliances); global strategies. Students complete a Strategic Plan for a new venture as part of this unit.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN405, GSN410

**Contact hours:** 3 per week

**Credit points:** 6

**Campus:** GP

**Sem:** 1, 2, 3

**► GSN421 ECONOMICS OF STRATEGY 2**

This unit continues the analysis introduced in GSN411 and develops in greater depth the economics of competitive strategy and competitive advantage in the global business context. Topics

include exit and entry of firms, strategic positioning for competitive advantage, analysing cost and differentiation positions, methods of sustaining competitive advantage, and the origins of competitive advantage.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN411

**Contact hours:** 3 per week

**Credit points:** 6

**Campus:** GP

**► GSN422 BUSINESS LAW 2**

Business Law 2 provides a continuing overview of key areas of commercial law in the Australian environment. The subject builds on the basic principles of contract, property law, securities and bailment, consumer law agency and franchising, company law principles, covered in Business Law 1. Students focus on the essential elements of legal compliance programs and specific elements of the rules that impact on business operations in the areas of insurance law, law of torts and professional negligence, personal and corporate insolvency, environmental law, employment law, occupational health and safety, and privacy law.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN412

**Contact hours:** 3 per week

**Credit points:** 6

**Incompatible with:** AYN410

**Campus:** GP

**Sem:** 2

**► GSN423 FINANCIAL MANAGEMENT 2**

This unit builds on the material covered in GSN413 Financial Management 1. It extends the analysis of firms' decisions in the areas of investment, dividends and financing. Topics include capital budgeting and taxation, dividends and imputation, capital structures, risk management using options and futures, and an introduction to international finance.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN413

**Contact hours:** 3 per week

**Credit points:** 6

**Incompatible with:** EFN406

**Campus:** GP

**Sem:** 1, 3

**► GSN424 BUSINESS CONDITIONS ANALYSIS 2**

This unit provides managers with an understanding of the key macroeconomic policy debates and how they are impacting upon business conditions. Students are introduced to these debates and their theoretical underpinning through a series of international case studies. A number of important concepts are introduced: the natural rate of unemployment; the underlying rate of inflation; aggregate demand and aggregate supply; monetary policy and fiscal policy; the open economy. In the process, students get the opportunity to evaluate, critically, the virtues of the free market as opposed to government interventionism.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN414

**Contact hours:** 3 per week

**Credit points:** 6

**Campus:** GP

**► GSN425 LEADERSHIP DEVELOPMENT**

This unit builds upon GSN415 to develop leadership ability, utilising a conceptual framework for self-understanding and the development of the requisite knowledge, skills and attitudes required to lead successfully in contemporary society. It is designed to allow individuals a better understanding of their own capacities as leaders. Individuals learn the principles of effective leadership and how their own style affects leadership, decision making, vision building, organisational culture, and the use of power. The focus is on the development of self-awareness and the improvement of the individual's capacity to understand, communicate with, and influence others.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN415

**Contact hours:** 3 per week

**Credit points:** 6

**Campus:** GP

**Sem:** 1, 2, 3

**► GSN426 BUSINESS PLANS 2**

This unit is a continuation of GSN416 and culminates in the writing and presentation of a formal business plan. The business plan is a major component of a multi-part communication strategy between new venture management and the potential investor or other potential stakeholder. Effective presentation and defence of the business plan is also considered in this unit. As part of the assessment, students complete a formal Business Plan for a new venture of their choosing, and present their plan to the class.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN416, GSN420, GSN429 or GSN416, GSN420, GSN427, GSN430

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 2, 3

#### ► GSN427 FINANCIAL STATEMENT ANALYSIS 2

This unit explores the meaning of financial statements and their application in managerial decision-making. Information from financial statements is used to demonstrate how managers can understand and take control of the internal cost structure of their business. The unit introduces management accounting, basic costing concepts, cost behaviour and the cost-volume-profit model, and budgeting.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN404

**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** AYN416, GSN202  
**Campus:** GP **Sem:** 2

#### ► GSN428 INTERNATIONAL STUDY TOUR

This unit involves a group excursion to one or more international countries for students interested in learning more about doing business with that (those) countries. Students study the business environment and the underlying socio-political, geographical and historical aspects of that (those) countries in considerable detail. The international study tour would normally be scheduled during the semester break period, and involves 10-14 days overseas, accompanied by an Academic Advisor. The group attends organised briefings, meetings, presentations and site visits in the host countries. Assessment will include attendance and participation at all events and submission of a detailed daily journal.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:**

#### ► GSN429 NEW VENTURE MARKETING

New Venture Marketing is concerned with the special marketing needs of entrepreneurial businesses. In new ventures, market ignorance is often greater than in existing firms. Needs of potential customers must be analysed, product design and prototypes must be developed in line with marketing research results, new marketing channels must be created and access to existing channels must be secured. Potential customers must be identified, informed, and persuaded to try the new product.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN408 and GSN410

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 2

#### ► GSN430 NEW VENTURE RE sourcing

This unit is concerned with raising funds to establish, launch and grow a new business venture. Sources of funding considered include one's own resources, family and friends, 'social capital' transactions, business angels, venture capitalists, banks, and the public equity market. Methods of 'bootstrapping' and cash conservation, including agreements with suppliers, customers, and employees, are also considered. Pro-forma financial statements for the new venture, the financial valuation of the new venture, and the allocation of equity for intellectual property, seat equity, expenses incurred and funding provided are also examined.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN404, GSN410

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 2, 3

#### ► GSN431 NEW VENTURE GROWTH AND TRANSITIONS

New ventures often start successfully but then flounder as rapid growth leads to problems in production, distribution, product quality, employee morale, cash flow or financing. Management's ability to make the transition from the new, small firm to a rapidly growing company is critical to its success. If the firm is to survive, the entrepreneur must navigate the transition from 'hands on' involvement in every aspect of the business to a more detached management role.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN410, GSN420

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 3

#### ► GSN432 NEW VENTURE LEADERSHIP AND HRM

The entrepreneur's ability to exercise leadership is a critical factor in the success of most new ventures, and thus the main purpose of this unit is to enhance entrepreneurial leadership skills. Human resource management issues, including international human resource and cross-cultural management, are introduced and applied to the new venture situation. Incentive remuneration schemes, including bonus and stock option schemes, are considered as a means of reducing current employee costs and reducing employee turnover, while allowing employees to participate in the upside potential of the venture.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN410, GSN415

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 3

#### ► GSN434 VENTURE CAPITAL

This unit considers, in the Australian and global financial market contexts, the operation of the venture capital industry and its rationing of relatively scarce risk capital among relatively abundant demands for new venture funding. Students gain an understanding of how the venture capital industry works and the criteria by which funds are committed to the support of new ventures. Students increase their ability to distinguish the less risky and more profitable investment opportunities from the more risky and less remunerative opportunities that may also be presented to venture capitalists.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN404, GSN410, GSN413

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► GSN435 ELECTRONIC COMMERCE

This unit provides an interdisciplinary introduction to business processes that are known collectively as electronic commerce. Current technologies for use in implementing electronic commerce are examined and focus is placed on strategies and methodologies for adopting the technology in a real world context. Students analyse why electronic commerce is more easily used in some businesses and not in others, using a cost-benefit evaluative framework. As a component of this unit, students increase their competence in using the Internet. This exposure is essential for assignment work and to allow students to access necessary course materials.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 3

#### ► GSN438 PRODUCTION AND OPERATIONS MANAGEMENT 1

The pivotal concept of management is that the organisation is a dynamic system affected by both external and internal forces. Operations management narrows the focus of general management philosophies to consider the production/operations sub-systems. These sub-systems physically produce goods and services, which are the value-added result of the transformation of inputs. Forecasting, process selection and design,

layout and capacity planning, location planning and aggregate planning are considered. Issues of quality and efficiency are introduced analytically with respect to strategies and constraints.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN401

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 3

#### ► GSN439 PRODUCTION AND OPERATIONS MANAGEMENT 2

The organisation is a dynamic system affected by both external and internal forces. Operations management narrows the focus to the production/operations sub-systems, which physically produce goods and services. Foundation unit GSN438 introduced forecasting, process selection and design, layout and capacity planning, location planning, aggregate planning and quality control issues. In GSN439 the means of procurement and application for production are considered. Inventory, materials requirements planning, manufacturing resource planning, supply chain management, scheduling, service operations, and current issues like enterprise resource planning are introduced. They are addressed analytically with respect to strategies and constraints.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN438

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1

#### ► GSN440 RISK MANAGEMENT 1

This unit examines the role of risk management in contemporary management theory and practice. Key decision areas of risk (eg financial, human resource, physical - asset management etc) are considered in the context of the general management of the organisation.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN401

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► GSN442 PROJECT MANAGEMENT 1

Managers are increasingly placed in a position of project manager, to manage projects as diverse as the construction of new facilities, expansion to global markets, implementation of change, information technology systems installation, or planning the major conference. This unit provides the fundamental skills in both the operational and strategic aspects of project management. Academic requirements are met through a minimum of fortnightly contact with the lecturer by each student, through reading of the text and associated publications, and through the preparation and submission of a written project proposal.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN401

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► GSN443 PROJECT MANAGEMENT 2

Managers are increasingly placed in the position of project manager, to manage projects as diverse as the construction of new facilities, expansion to global markets, implementation of change, information technology systems installation, or planning a major conference. This unit builds on the fundamental skills in both the operational and strategic aspects of project management, which are covered in GSN442. In distance mode, academic requirements are met through fortnightly contacts with the lecturer by each student, through reference to the text and associate publication, and through the preparation and presentation of a written project proposal.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN442

**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 2

#### ► GSN444 SPECIAL TOPICS 1

This unit is offered to temporarily 'house' subject matter that is not routinely offered by the Graduate School of Business, but which is offered when specific subject matter is considered espe-



cially timely and/or in a semester when a visiting or adjunct professor is available with expertise that is not normally resident in the Faculty of Business.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► GSN445 SPECIAL TOPIC 2

Like GSN444 this unit is offered to temporarily 'house' subject matter that is not routinely offered by the Graduate School of Business. This unit is offered to students who have already taken GSN444 and who wish to take a second 'Special Topics' six credit point unit in the same award program.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP

#### ► GSN446 APPLIED RESEARCH PROJECT A - INDIVIDUAL PROJECT

These projects enable students to undertake applied research where the emphasis is upon linking theory and practice. Students should seek advice from the Research Coordinator regarding their topic. Students undertaking the 6 credit point project should spend approximately six hours per week on the project. If group projects are undertaken, the allocated research tasks for each member will require the six hours per week. Students may be required to attend a number of management research seminars organised by the Brisbane Graduate School of Business or the Faculty of Business.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Credit points:** 6  
**Campus:** GP **Sem:** 1, 2, 3

#### ► GSN447 STRATEGIC INTERNET MARKETING 1

Strategic Internet Marketing 1 introduces students to the key concepts and issues involved in using the Internet in marketing. The unit explains how, why and when to incorporate the Internet into marketing activities. Specific areas investigated include the role of new technologies in changing and complementing traditional marketing practices, Internet based market research, and consumer behaviour.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Prerequisites:** GSN408  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 3

#### ► GSN448 STRATEGIC INTERNET MARKETING 2

Strategic Internet Marketing 2 focuses on the practical implications of the issues and concepts discussed in Strategic Internet Marketing 1. It explains how the basic tools of marketing are applied in the online environment. Specifically the unit addresses issues relating to pricing including both monetary and non-monetary costs to the consumer, it assesses the Internet as part of the promotional mix and a promotional medium, and it evaluates product types most suited to Internet marketing, and the value of the Internet as a distribution channel.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Prerequisites:** GSN447  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1

#### ► GSN449 PUBLIC SECTOR AND SOCIAL MARKETING 1

Marketing has rapidly expanded its application over recent years from being primarily a commercial practice, to being used to increase the effectiveness and efficiency of a range of non-commercial activities. In particular, over the past decade marketing has been adopted by government agencies world wide to improve service standards and communicate with key audiences. This unit examines the problems and issues associated with the application of marketing concepts and techniques to the social, not for profit and public sectors focusing in particular on service

delivery and the use of social marketing to facilitate social and individual change.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97, IF03, IF04  
**Prerequisites:** GSN408  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 3

#### ► GSN452 INTERNATIONAL HUMAN RESOURCE MANAGEMENT

This unit provides students with an understanding of some of the key factors affecting the management of human resources in an international environment. The integrating theme to studying this area of HRM is the management of expatriate managers. The topic is considered from the perspective of the international management generally, through the recruitment and selection of expatriates, their preparation, in-post support, and eventual repatriation.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Prerequisites:** GSN406  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 3

#### ► GSN454 ECONOMICS OF INFORMATION AND E-COMMERCE

This unit explores ways in which the durable principles of information economics may be applied to analyse the 'information' economy. At a general level, the unit is concerned with the impact of high-speed communication and replication of information on the global business environment. More specifically, at the level of the firm, this unit is concerned with issues such as information pricing, product differentiation, the creation of network externalities, consumer lock-in and switching costs, strategic alliances and other issues relevant to business strategy. The impact of the network economy on firms that participate in e-commerce is also explored.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Prerequisites:** GSN411 or GSN414 or GSN491  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► GSN455 SPECIAL TOPIC 3

Like GSN444, this unit is offered to temporarily 'house' subject matter that is not routinely offered by the Graduate School of Business. This unit is offered to students who have already taken GSN444 and GSN445 and who wish to take an additional 'Special Topic' unit in the same award program.

**Courses:** BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1

#### ► GSN456 PERSONAL DEVELOPMENT AND ETHICS FOR MANAGERS

This unit provides students with opportunities to increase their understanding of themselves and how their interactions with others impact on their effectiveness as managers in a global environment. This unit also provides a framework of basic principles for ethical decision making. The roles of the individual and ethics in business decision making are explored through the use of international case studies. Students get the opportunity to evaluate, critically, the role of individual behaviour and ethical decision making, from a personal career perspective and as a determinant of management and business effectiveness in an international context.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** GSN208  
**Campus:** GP **Sem:** 3

#### ► GSN457 ORGANISATIONAL COMMUNICATION AND INFLUENCE

This unit focuses on how people relate with each other in modern organisational settings, from small businesses to multi-national organisations in the public and private sector. Drawing together theories of communication as they apply to workplace settings, the unit provides the opportunity to analyse and reflect on the role of communication in constructing the conditions for

achieving effective leadership and participation in organisations.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Prerequisites:** GSN407  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 3

#### ► GSN460 CREATIVE PROBLEM SOLVING

This unit introduces the student to the field of creative thinking for new business initiatives in the global business environment. The problem solving methods presented also have application for entrepreneurs in established firms. Topics include organisational issues for managing creativity, methods of thinking, formal analysis approaches, individual creative techniques, and group based problem solving. Candidates apply specific techniques to case studies. Video records of tutorials are used to facilitate feedback for improved learning outcomes.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 2, 3

#### ► GSN461 MAKING CHANGE WORK

Making Change Work is a unit that builds on the material covered in both GSN401 (Managing in the Global Business Environment) and GSN409 (Organisational Behaviour 1), with the intention of making organisational change work optimally for organisations and for the people in them. As such, it relies on a general knowledge of management and its objectives and functions, as well as of individual and group behaviour.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Prerequisites:** GSN401, GSN409  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► GSN462 NEGOTIATION STRATEGIES

This unit explores the theory and practice of business negotiation strategies. By focusing on distributive and integrative negotiation strategies and exploring business negotiation practices in various contexts, the unit provides students with the opportunity to develop understanding and skills of negotiation in general, and business negotiation under selected contexts in particular.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Prerequisites:** GSN407  
**Contact hours:** 3 per week **Credit points:** 6  
**Incompatible with:** IBN409  
**Campus:** GP **Sem:** 1, 2, 3

#### ► GSN466 TECHNOLOGY INFRASTRUCTURE MANAGEMENT

Technology Infrastructure Management develops an appreciation of the complex issues that face today's Information Technology Managers.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1, 3

**► GSN467 KNOWLEDGE MANAGEMENT**  
 This unit follows on from GSN402 Strategic Use of Information Technology, exploring the rationale for knowledge management in a digitised workplace. Discussion focuses on the application of knowledge strategies and technologies to real world business problems.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Contact hours:** 3 per week **Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► GSN469 INTERNET APPLICATIONS

The purpose of the unit is to provide a managerial overview of the available and emerging technologies on the Internet and examine the business case for their use and application. It examines the various applications of the Internet including email, mobile and Internet telephony, streaming media, database and dynamic content, emerging protocols, instant communicators and newsgroups for their utility and value to business.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97  
**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** GSN201

**Campus:** GP

**Sem:** 2

#### ► GSN470 E-BUSINESS

This unit introduces concepts, theories and issues in the development of an e-business organisation based on or depending strongly on Information and Communication Technologies (ICTs). The unit examines the nature of e-business, with particular emphasis on the variety of e-business strategies. It explores how traditional management practices face difficulties in an electronic context.

**Courses:** GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Campus:** GP **Sem:** 1, 3

#### ► GSN472 LEGAL PRINCIPLES OF CORPORATE GOVERNANCE

Principles of Corporate Governance provides an introduction to the increasingly important area of corporate governance, as practiced by the Boards of Directors of companies. This subject provides an overview of the main concepts and history of corporate governance as a global trend: the core legal principles that underpin corporate governance; relationships between key stakeholders; corporate governance in different contexts including small proprietary companies and large listed and unlisted entities; current issues; arguments propounded for self regulation versus government intervention.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN412

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** GSN229, GSN481

**Campus:** GP **Sem:** 2

#### ► GSN473 CORPORATE ACCOUNTABILITY AND GOVERNANCE

Boards of directors and managers of organisations are now legally as well as morally accountable for policies, processes, and outcomes to an increasingly vocal set of stakeholders. Many of these accountabilities are not new, although until recently they may have not been monitored rigorously or at all. Recent high-profile corporate collapses and the widespread impact of the costs of these failures have resulted in greater regulation supplanting the former self-regulation practices. GSN473 examines the roles of the board and management in implementing and monitoring a sound corporate culture, proactively identifying and dealing with risk, and safeguarding the company's assets and its place in our society and economy.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN404, GSN405, GSN412

**Contact hours:** 3 per week **Credit points:** 6

**Campus:** GP **Sem:** 1, 2, 3

#### ► GSN474 STRATEGY PLANNING & DEVELOPMENT

The understanding of strategic planning, development and implementation and the implications for the modern organisation underpin this unit. Based on the case study method of teaching, the unit discusses the strategy development process in the modern business context, and takes into account the various stakeholders and influences that determine the eventual success or failure of strategy initiatives.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN405

**Contact hours:** 3 per week **Credit points:** 6

**Campus:** GP **Sem:** 1, 2, 3

#### ► GSN475 STRATEGIC ANALYSIS

Strategic analysis builds on the core understanding of the principles and foundations of strategic management. The capacity to critically analyse, to formulate options, and to recommend courses of action is an essential everyday tool for the strategist. The ability to analyse and present a point of view is the focus of the course that incorporates presentation skills with strategic analysis.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN405, GSN474

**Contact hours:** 3 per week

**Credit points:** 6

**Campus:** GP

**Sem:** 2

#### ► GSN476 SALES MANAGEMENT

This unit introduces the student to the field of sales management in the business environment whether local, national or international. The unit provides the opportunity for developing an understanding of sales processes and the associated management concepts and processes that support business strategic and operational outcomes, and the people involved in the selling. Students examine various sales models and their applicability to different industries, and critique several commission, reward and recognition plans and their effectiveness.

**Courses:** GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN405, GSN406, GSN408

**Contact hours:** 3 per week **Credit points:** 6

**Campus:** GP **Sem:** 1, 3

#### ► GSN477 CONTRACT MANAGEMENT

This unit provides managers with an understanding of some of the key factors involved in the management of contracts. Competence in this area is increasingly important as greater attention is paid to the negotiation and implementation of contracts and as the trend to outsourcing various functions to other organisations continues.

**Courses:** GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN405 **Corequisites:** GSN442

**Contact hours:** 3 per week **Credit points:** 6

**Campus:** GP **Sem:** 3

#### ► GSN478 AUSTRALIAN WORKPLACE CONNECTIONS

This unit provides students with the opportunity to site visit three Australian organisations in different sectors, across large and SME organisations, meeting senior staff, observing operations and gaining first-hand access to contemporary organisational problems and dilemmas. The unit has a multi-disciplinary problem-based learning approach. The unit takes 'real world' problems or dilemmas as the curriculum, and the teacher activates disciplinary knowledge and skills to respond to the issues encountered. The unit provides a concrete basis for comparison with prior workplace experience and thereby enriches the international learning experience.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Campus:** GP **Sem:** 1

#### ► GSN479 SPREADSHEET MODELLING FOR MANAGERS

This unit is designed to provide students with the analytical modelling skills to enhance their abilities to make difficult business decisions. Students are introduced to a range of techniques which involve structuring, analysing and solving managerial business problems using Excel spreadsheets and add-ins. Topics include optimisation modelling, simulations models, decision analysis and forecasting.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN403, GSN413

**Contact hours:** 3 per week **Credit points:** 6

**Campus:** GP **Sem:** 2

#### ► GSN480 SUSTAINABLE DEVELOPMENT AND COMPETITIVE ADVANTAGE

This unit provides managers with an understanding of the factors impacting upon the long-term sustainability of business, and how this impacts upon competitive advantage. The theoretical framework is predicated upon four key concepts: radical resource productivity; biomimicry; service and flow economy; investment in natural capital. This framework is applied in the analysis of a number of international case studies.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN411 or GSN414 or GSN491

**Contact hours:** 3 per week **Credit points:** 6

**Campus:** GP **Sem:** 1, 3

#### ► GSN481 PHILANTHROPIC AND NONPROFIT FRAMEWORKS OF GOVERNANCE

The unit explores contemporary understandings of philanthropic and nonprofit governance in the context of social, economic and political systems. It locates these understandings in various theoretical and descriptive frameworks providing students with both the knowledge and analytical skills that are necessary to reflect critically on philanthropy and nonprofit governance systems and their environments.

**Courses:** BS39, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** GSN472, GSN229

**Campus:** GP **Sem:** 1

#### ► GSN482 PHILANTHROPIC AND NONPROFIT ECONOMICS

The unit examines the role that economic theory can play in aiding decision-making in nonprofit organisations. It introduces students to the principles of microeconomics and explores their practical application to a range of decisions that confront nonprofits. Production theory, cost theory, elasticity and market failure are some of the topics explored in the nonprofit context.

**Courses:** BS39, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** GSN229

**Campus:** GP **Sem:** 1

#### ► GSN483 ETHICS FOR PHILANTHROPIC AND NONPROFIT ORGANISATIONS

This course introduces students to ethical theories and constructs with a focus on producing effective personal and professional resolutions to those ethical dilemmas specifically associated with Philanthropic and NonProfit (PANFP) organisations. The unit recognises the distinctive mission and character of PANFP organisations, while seeking to provide an understanding of integrity and response-ability.

**Courses:** BS39, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** CON427, AMN480, GSN230

**Campus:** GP **Sem:** 1

#### ► GSN484 MANAGEMENT FOR PHILANTHROPIC AND NONPROFIT ORGANISATIONS

In the context of managing for excellence with integrity, this unit introduces students to the major management sub-disciplines of human resource management and industrial relations, governance, financial management, and marketing which may confront Philanthropic and Non-profit (PANFP) organisations, their managers and governing bodies.

**Courses:** BS39, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** CON427, AMN480, GSN230

**Campus:** GP **Sem:** 1

#### ► GSN485 LEGAL ISSUES FOR PHILANTHROPIC AND NONPROFIT ORGANISATIONS

The unit introduces students to critical issues of philanthropic and nonprofit law and taxation. The unit examines the regulatory, taxation and governance framework of nonprofit organisations and philanthropic transactions in Australian Federal and State jurisdictions.

**Courses:** BS39, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** GSN231

**Campus:** GP **Sem:** 2

#### ► GSN486 ACCOUNTING ISSUES FOR PHILANTHROPIC & NONPROFIT ORGANISATIONS

This unit introduces students to an overview of financial reporting. The unit begins with an overview of the purpose of accounting and the types of financial statements that comprise a financial report. The unit also focuses on the Australian financial reporting framework and whether an

Australian accounting standard for nonprofit organisations is required. International comparisons are made.

**Courses:** BS39, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** GSN231

**Campus:** GP

**Sem:** 2

#### ► GSN487 MARKETING FOR THE NONPROFIT SECTOR

The theory and application of strategic marketing in the nonprofit sector is studied in this unit. The unit reviews key topics such as the following: competitive positioning; marketing mix formulation; issues and characteristics that differentiate nonprofit marketing and allegiances to multiple markets. Within the not-for-profit marketing mix, topics examined by students encompass the social cause as service/product, service delivery options (offline and online) and integrated marketing communication including database marketing and relationship management.

**Courses:** BS47, BS91, BS39, BS93, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN408

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** AMN482

**Campus:** GP

**Sem:** 2

#### ► GSN490 MANAGING TECHNOLOGICAL INNOVATION

The role of technological innovation is crucial for the effective performance of modern enterprises. This unit explores the concepts of innovation and provides a managerial understanding of the major types of contemporary information technologies. These are used to explore the way technological innovation integrates and supports a broad range of business functions and processes and can be used strategically to provide advantage to an enterprise.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Prerequisites:** GSN405

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** GSN402

**Campus:** GP

**Sem:** 1, 2

#### ► GSN491 ECONOMICS IN BUSINESS 1

This unit is designed to show how economics provides a framework of analysis, and a powerful set of tools that can be used by managers to understand the market conditions affecting business performance. It examines the forces that influence production and pricing decisions in individual markets and how market forces interact to determine the level of macroeconomic activity. The course provides a self-contained treatment of the major themes in micro and macro economics. It also provides a solid foundation for further study of the subject.

**Courses:** BS47, BS91, GS40, GS42, GS48, GS50, GS75, GS76, GS85, GS87, GS97

**Contact hours:** 3 per week **Credit points:** 6

**Incompatible with:** GSN414

**Campus:** GP

**Sem:** 2, 3

#### ► HHB050 MANDARIN FOR CHINESE

In this unit, students receive instructions in listening and speaking Putonghua, reading and writing Pinyin Romanisation, and reading and writing simplified characters. They learn differences in structure and nuance between their native dialect and Putonghua.

**Courses:** All

**Credit points:** 12

**Incompatible with:** HUB450

**Campus:** GP

**Sem:** 3

#### ► HHB051 INTRODUCTORY MANDARIN 1

This unit introduces students who have little or no prior knowledge of Chinese Mandarin to the four macro skills of listening, speaking, reading and writing through an integrated communicative approach to teaching. Content will include the following: the Mandarin sound and tonal systems; the Pinyin Romanisation system; introduction to Chinese character writing; greetings and introductions; family; identification of nationalities, places and objects, locations and directions.

**Courses:** All

**Credit points:** 12 **Incompatible with:** HUB453

**Campus:** GP

**Sem:** 3

#### ► HHB052 INTRODUCTORY MANDARIN 2

This subject continues to develop the four macro skills of listening, speaking, reading and writing through an integrated communicative approach. While there is further consolidation of the knowledge of the Pinyin Romanisation system, greater attention is devoted to the reading and writing of characters. With acquisition of language, students receive further exposure to aspects and characteristics of Chinese culture.

**Courses:** All

**Prerequisites:** HUB453 or HHB051

**Credit points:** 12 **Incompatible with:** HUB454

**Campus:** GP

**Sem:** 3

#### ► HHB053 INTERMEDIATE MANDARIN

**Campus:** GP

**Sem:** 1

#### ► HHB054 ADVANCED MANDARIN

**Campus:** GP

**Sem:** 2

#### ► HHB056 INTERNATIONAL INTENSIVE PROGRAM

This involves a short period of intensive language study conducted at an approved institution in the country where the target language is used. It aims to enhance language skills and introduce students to the culture of the country in an immersion situation.

**Courses:** HH01, HU22, IF43, IF70, IF81, IF82, IF86, IF30, ED50, BS56, SS60

**Credit points:** 12

**Incompatible with:** HUB646

#### ► HHB057 INTERNATIONAL SUMMER SCHOOL OR EQUIVALENT

This unit involves four to six weeks of concentrated learning at an approved institution.

**Courses:** BS50, ED50, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Credit points:** 24 **Incompatible with:** HUB647

#### ► HHB058 IN-COUNTRY STUDY - A

This unit involves an approved course of study at a designated foreign institution for one semester.

**Courses:** ED50, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Credit points:** 48 **Incompatible with:** HUB648

#### ► HHB059 IN-COUNTRY STUDY - B

This unit involves an approved course of study at a designated foreign institution for one semester.

**Courses:** HH01, HU22, HU20, IF43, IF70, IF81, IF82, IF86, SS60, IF30

**Credit points:** 48 **Incompatible with:** HUB461

#### ► HHB060 FRENCH FOR THE TOURISM INDUSTRY

This unit should be of interest to anyone wanting to work in the tourism industry, overseas or in Australia. It concentrates on the development of communicative skills with a special focus on the tourism and hospitality industry.

**Prerequisites:** HUB673

**Corequisites:** HUB674 or HHB065 (for students wishing to take HUB675 French 6 in Semester 2)

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB452

**Campus:** GP

#### ► HHB061 FRENCH 1

This unit aims to give students who have not reached senior or the equivalent the grounding necessary for the post-senior course. Videodisc technology using the 'French in Action' method allows students to develop conversational skills, and introduces them to reading and writing.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, SC30, IF30, SS60

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB670

**Campus offered:** GP

**Sem:** 1, 2

#### ► HHB062 FRENCH 2

This unit aims to give students who have not reached senior or equivalent the grounding necessary for the post-senior course. Videodisc technology using the 'French in Action' method allows students to develop conversational skills, and introduces them to reading and writing.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB670

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB671

**Campus:** GP

**Sem:** 2, 3

#### ► HHB063 FRENCH 3

The course concentrates on developing spontaneity in social conversations, with some work on reading and writing skills. The course encourages students to make contacts in the French speaking community in Brisbane.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, SC30, IF30, SS60

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB672

**Campus:** GP

**Sem:** 1

#### ► HHB064 FRENCH 4

This course expands on work done in the first semester, to allow students to discuss a number of current issues in French society. Magazine articles, news reports, the Internet, videos and a novel develop reading, writing, speaking and listening skills, as well as cultural awareness.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB672

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB673

**Campus:** GP

**Sem:** 2

#### ► HHB065 FRENCH 5

This unit has two components a) An introduction to Business French. Students work on the skills necessary to the recruitment process, reading job offers, preparing a CV and so on. b) The study of the French verbal system. Using a feature film on videodisc, students revise and expand their understanding of the French verb system. Skills are put into practice in the writing of a short story.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB673

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB674

**Campus:** GP

**Sem:** 1

#### ► HHB066 FRENCH 6

How do you argue in French? This course equips students to explain and debate issues, using written and video materials. Students prepare their own video report.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB674

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB675

**Campus:** GP

**Sem:** 2

#### ► HHB067 FRENCH 7

This advanced course in business French equips students for working in Europe or in French-speaking companies in Australia. Students have the option of sitting for the Certificat Pratique de Français Commercial et Economique.

**Courses:** BS56, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB675

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB678

**Campus:** GP

**Sem:** 1

#### ► HHB068 FRENCH 8

This unit allows students to play with verbal and non-verbal aspects of French by studying puns, comic sketches and cartoons. Students write and present a short play at the end of the course.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, SC30, IF30, SS60

**Prerequisites:** HUB675

**Contact hours:** 2 per week **Credit points:** 12

**Incompatible with:** HUB677

**Campus:** GP

**Sem:** 2

#### ► HHB069 FRENCH 9

This advanced French unit is available through cross-enrolment at the University of Queensland. See staff for details.

**Courses:** BS56, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HUB675

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB679

#### ► HHB070 FRENCH 10

This unit is a practical introduction to French-English translation. It is available through cross-enrolment in FH306 at the University of Queensland.

**Courses:** BS56, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB675

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB731

#### ► HHB071 INDONESIAN 1

This entry level unit aims to equip beginning students with elementary communicative competence in a variety of everyday situations. At the end of the year, students will have been exposed to about 2000 words and should be able to use most of the productive sentence patterns of Indonesian in comprehending and expressing information about basic needs, in mostly familiar and predictable situations.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB650

**Campus:** GP

**Sem:** 1

#### ► HHB072 INDONESIAN 2

See HHB071.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HHB071, HUB650 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB651

**Campus:** GP

**Sem:** 2

#### ► HHB073 INDONESIAN 3

This unit advances learners' competence to intermediate level, with some analytical focus on sentence construction and word formation (the affix system). Authentic texts, especially reading materials, are increasingly used during this year, and by the end of the second semester, with the use of a dictionary, students can make good sense of straightforward Indonesian reading material from newspapers, books and magazines. An interview assignment each semester provides opportunities for interaction with native speakers.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HUB651, HHB072 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB652

**Campus:** GP

**Sem:** 1

#### ► HHB074 INDONESIAN 4

See HHB073.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HUB652, HHB073 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB653

**Campus:** GP

**Sem:** 2

#### ► HHB075 INDONESIAN 5

At this level, students view weekly audio-visual (tape-slide and video) programs produced in Indonesia for local consumption. Conversation, reading and writing classes reinforce and extend students' ability to communicate on a range of everyday topics relevant to modern Indonesian society. Students give weekly classroom presentations in the language.

**Courses:** BS56, ED50, ED51, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HUB653, HH074 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB654

**Campus:** GP

**Sem:** 1

#### ► HHB076 INDONESIAN 6

See HHB075.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HUB654, HHB075 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB655

**Campus:** GP

**Sem:** 2

#### ► HHB077 INDONESIAN 7

At this level, students are comfortable in using authentic Indonesian source materials dealing with a range of sophisticated and complex issues. Students have the opportunity to pursue, in some depth, topics of special interest and relevance to their individual vocational, career or research needs.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HUB655, HHB076 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB656

**Campus:** GP

**Sem:** 1

#### ► HHB078 INDONESIAN 8

See HHB078.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HUB656, HHB077 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB657

**Campus:** GP

**Sem:** 2

#### ► HHB081 JAPANESE 1

This unit is aimed at students with little or no experience in Japanese. Students learn to conduct conversations in a range of everyday situations using basic grammatical structures and colloquial expressions. The hiragana and katakana scripts are taught from the outset and a total of 74 kanji are introduced. Resources include textbook and workbook, audio CDs and interactive multimedia software. Cultural aspects are integrated into the course.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB660

**Campus:** GP

**Sem:** 1, 2

#### ► HHB082 JAPANESE 2

This unit develops the skills needed to speak, understand, read and write Japanese in a wider range of everyday situations using basic grammatical structures and colloquial expressions. Resources include textbook and workbook, audio CDs and interactive multimedia software. A further 96 kanji are introduced and cultural aspects are integrated into the course.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HUB660, HHB081 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB661

**Campus:** GP

**Sem:** 2, 3

#### ► HHB083 JAPANESE 3

This unit is for students who have successfully completed the introductory units at QUT, Year 12 Japanese or equivalent study elsewhere. Students further develop skills needed to speak, understand, read and write Japanese in a wider range of everyday situations and prepare a group presentation on a given topic. Resources include textbook and workbook, audio CDs and interactive multimedia software. 73 additional kanji are introduced and cultural aspects are integrated into the course.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HUB661, HHB082

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB662

**Campus:** GP

**Sem:** 1

#### ► HHB084 JAPANESE 4

This unit further develops the skills needed to speak, understand, read and write Japanese in a

wide range of everyday situations. Students are encouraged to engage in free discussion on topics included in the course. Resources include textbook and workbook, audio CDs and interactive multimedia software. 116 additional kanji are introduced and cultural aspects are integrated into the course.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86 SC30, IF30, SS60

**Prerequisites:** HUB662, HHB083

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB663

**Campus:** GP

**Sem:** 2

#### ► HHB085 JAPANESE 5

This unit is for students who wish to develop their communication skills to an intermediate level. Through Internet research and oral presentations, students will explore socio-cultural issues in Japan as well as other parts of the world. An interactive CD-ROM program provides extension exercises, particularly with new vocabulary and kanji.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB663 or HHB084

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB664

**Campus:** GP

**Sem:** 1

#### ► HHB086 JAPANESE 6

This unit continues the socio-cultural theme of HHB085. Students have the opportunity to further develop their language skills and knowledge of Japanese society through the study of socio-cultural issues related to Japan and the world. An interactive CD-ROM program provides students with extension exercises, particularly with new vocabulary and kanji.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB664 or HHB085

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB665

**Campus:** GP

**Sem:** 2

#### ► HHB087 JAPANESE 7

This unit is for students who wish to develop their communication skills to an advanced level. The focus of the unit is the language used in the Media. Television and radio news and documentary programs of social and cultural interest are made accessible through the use of an interactive CD-ROM. Reading/writing activities focus on newspaper articles. Students are encouraged to make use of the Internet to keep up-to-date with current affairs in Japan.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB665 or HHB086

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB666

**Campus:** GP

**Sem:** 1

#### ► HHB088 JAPANESE 8

The focus of this unit is business Japanese. The entire unit is based on a simulation of a Japanese company based in Australia. Since the operational language of the company is Japanese, students learn how to conduct themselves in formal situations, observing appropriate etiquette. The skills engendered in this unit include speaking formal Japanese, making telephone calls, expressing opinions appropriately, understanding job advertisements, writing a CV, writing formal letters, and going for a job interview. These are skills needed by anyone who wants to reach an advanced standard of Japanese - not only business students.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB666 or HHB087

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** HUB667

**Campus:** GP

**Sem:** 2

#### ► HHB091 GERMAN 1

This unit assumes no prior knowledge of German. It aims to equip students with the necessary

German language and socio-cultural skills to communicate in a variety of specific situations. Students will be able to talk and write simply about a number of topics: themselves; how to get to know someone; how to interact with other students, their family, friends, pets, home, the weather, likes/dislikes, and interests and feelings. Students will also become aware of the role and importance of extra-linguistic features in spoken and written communication.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB735  
**Campus:** GP **Sem:** 2, 3

#### ► HHB092 GERMAN 2

This introductory unit is designed for students who have completed HHB091 (German 1) or have an equivalent language proficiency level. There will be an increased emphasis on reading and writing. Students will learn to talk and write about talents and plans, obligations, and physical and mental states. Learners will be able to discuss purchases, food, school and university, holidays, professions, careers, and how and where they live. Students will also expand their language and socio-cultural skills by extracting information from a variety of simple spoken and written texts and will begin to write short narratives.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB735, HHB091 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB736  
**Campus:** GP **Sem:** 2, 3

#### ► HHB093 GERMAN 3

German 3 is the entry point for students with year 12 German or equivalent. Its aim is to consolidate knowledge gained from diverse sources and ensure that students are familiar with common structures and confident in their basic abilities. There is continuing emphasis on spoken expression. Students spend much of class time speaking in pairs and small groups, and these interactions are supported by written compositions, grammatical analyses and web quests. Students use more complex sentences to describe past events and improve their ability to distinguish oral styles from written narratives. Topics covered include holidays and transport, food, cooking, restaurant meals, childhood and youth, stories and fairytales.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB736 or HHB092  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB737  
**Campus:** GP **Sem:** 1

#### ► HHB094 GERMAN 4

German 4 builds on skills acquired in German 3 to get students to the point where they will manage well in everyday situations in a German-speaking country. Writing exercises and grammatical analyses prepare students for oral performance and, as in German 3, there is a great deal of pair work and small-group communication. Students study the forms of polite requests, instructions and directions. Topics include finding one's way around cities, travel, clothing and shopping, accommodation, health and accidents, families and multiculturalism. Students are encouraged to apply to do an exchange to one of the five QUT exchange universities located in Germany and Austria.

**Courses:** BS56, ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB737, HHB093 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB738  
**Campus:** GP **Sem:** 2

#### ► HHB095 GERMAN 5

The units German 5, 6, 7 and 8 form consecutive advanced units that repeat every four semesters. Students in German 5 & German 7 complete the

same content but with different assessment items and levels of difficulty. Two content streams are offered in parallel to prepare students for employment in different professional areas and to enhance intercultural competence. Strand A, which is designed for students with Arts and Education majors, deals with everyday German one year and Computers & High Technology the next. Strand B is for students planning to enter international business environments. Topics covered include planning and arranging meetings, establishing customer and client contacts, and composing business letters.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, IF30, SS60

**Prerequisites:** HUB738, HHB094 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB739  
**Campus:** GP **Sem:** 1

#### ► HHB096 GERMAN 6

See HHB095.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB739, HHB095 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB740  
**Campus:** GP **Sem:** 2

#### ► HHB097 GERMAN 7

See HHB095.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

**Prerequisites:** HUB740, HHB096 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB741  
**Campus:** GP **Sem:** 1

#### ► HHB098 GERMAN 8

See HHB095.

**Courses:** BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF39, IF70, SC30, IF30, IF43, IF70, IF81, IF82, IF30, IF86, SS60

**Prerequisites:** HUB741, HHB097 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** HUB742  
**Campus:** GP **Sem:** 2

#### ► HHB100 INTRODUCTION TO HUMAN SERVICES

This unit provides an introduction to human services and locates this within the broader context of the welfare state. It examines both the history, and global and national forces, that shape the current direction of welfare policy and the human service industry. The purpose of human service work and the various roles a human service worker may undertake or utilise are explored. The unit challenges students to reflect on their own understandings of human services and human service work, and provides a foundation for detailed study in later years of the course.

**Courses:** HH02, SS60, HH04  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB110  
**Campus:** CA **Sem:** 1

#### ► HHB101 THE WELFARE OF AUSTRALIANS

This unit provides a comprehensive demographic, political, social, economic, locational, indigenous and cultural portrait of Australia. It introduces concepts of power, class, authority, status, gender, race, location and culture and applies these to the Australian identity. The unit explores a number of topical social, economic and cultural issues. Students are encouraged to develop a critical analytical framework for the exploration of Australian society.

**Courses:** HH02 **Contact hours:** 3 per week  
**Credit points:** 12 **Campus:** CA

#### ► HHB102 THE HUMAN CONDITION

This unit introduces students to a range of individual, familial and social conditions that impact on the lives and lifestyles of Australians. Attention is directed toward the impact of factors such as age, ability, gender, culture and class, and the identification and exploration of key processes in human growth and development. Students become informed about theories from a range of

disciplines and develop a critical and reflective approach to understanding human development. By examining how societies define and respond to human need and adversity, students develop a framework for examining the dynamic interaction of individual, interpersonal and social forces.

**Courses:** HH02 **Contact hours:** 3 per week  
**Credit points:** 12 **Incompatible with:** HSB121  
**Campus:** CA **Sem:** 2

#### ► HHB103 CONTEMPORARY SOCIAL AND COMMUNITY ISSUES

This unit explores a number of contemporary social issues relating to social marginalisation and human disadvantage. It locates these issues in a theoretical and descriptive framework thus providing students with both knowledge and analytical skills that are necessary for the ongoing exploration of social issues. It explores the connection between forces at a macro level and human disadvantage and examines the value assumptions that sustain structural inequity. It encourages students to reflect on the implications of structural disadvantage for human service practice and the role of the human service worker as a participant in civil society.

**Courses:** HH02, HH04  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB122  
**Campus:** CA **Sem:** 2

#### ► HHB104 UNDERSTANDING SOCIETY: INTRO TO SOCIOLOGY

This unit introduces students to the way sociology approaches the understanding of the social world in general and Australian society in particular. The following important issues will be covered throughout the semester. Firstly, students will learn about the role and significance of sociology and sociological knowledge. The development of sociology and sociological knowledge will be outlined and students will learn about the major sociological themes and authors. Secondly, the importance and placement of sociology in the context of social science will be discussed. Thirdly, students will learn how to understand and utilize some of the central sociological concepts such as class/status, sex/gender, and race/ethnicity.

**Courses:** PU49, SS60, HH01, HU20, HU22, ED50, IF30, IF36, IF43, IF70, IF81, IF82, IF86  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HHB120  
**Campus:** CA, CB, GP **Sem:** 1, 2

#### ► HHB105 EXPLORING CHANGE

As one of the core introductory units for the Society and Change major, Interpreting Change introduces students to ways of understanding the intersection of personal experience with social change. The unit is organised around exercises that encourage students to place their personal experiences in the context of a bigger picture of societal, interpersonal and environmental change. The unit also introduces the conceptual, analytical, information retrieval, problem-solving and communication skills that form the basis of the Society and Change major. The three themes in the society and change major are Societies in Transition, Environment, Society and Change, and The Individual and Society.

**Courses:** HH01, HH03, HH04  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB146  
**Campus:** CA **Sem:** 2

#### ► HHB106 AUSTRALIAN SOCIETY AND CULTURE

This unit includes the following: historical, political, economic and cultural information about Australia and Australians; egalitarianism; religion; frontiers and rural Australia; the historical and future role of technology in Australia.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF30, IF81, IF82, IF86, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB600  
**Campus:** CA **Sem:** 1

#### ► HHB107 WORLD REGIONS

This unit includes an overview of world regional geography. It highlights key themes in both physical and human geography within specific regions, such as human-environment interactions,

resource management, natural hazards, population and culture, and economic development.

**Courses:** ED50, HH01, HU20, HU22, IF70, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB202

**Campus:** CA

**Sem:** 2

#### ► HHB108 AUSTRALIAN SOCIETY AND CULTURE FOR INTERNATIONAL STUDENTS

This unit provides students from overseas with experiences and knowledge that will enhance their understanding of contemporary Australian society. A number of social, cultural and political ideas, policies, and actions that have shaped the people of Australia will be studied.

**Courses:** All

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► HHB109 AUSTRALIAN HISTORICAL STUDIES

Public access to history is increasing, but what is told about the past in books, plays, films, encyclopaedia, documentaries, museums, galleries and national celebrations is contested, uncertain, and controversial. Who should tell history, what should be told and what should be left out are hotly debated. History is no longer dominated by celebratory, chronological narratives. Multidisciplinary approaches, alternative viewpoints and a wide range of media are now used to project private, family, community and national myths and stories. Current Australian historical studies, research and teaching reflect these uncertainties.

**Courses:** HH01

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

#### ► HHB110 INTRODUCTION TO INTERNATIONAL AND GLOBAL STUDIES

This unit introduces students to a range of important perspectives in understanding international and global social change. Students identify trends in globalisation from historical and theoretical frameworks, analyse regional trends and issues, and investigate the workings of significant international organisations and operations. In this unit, students develop research and communication skills in print and electronic media.

**Courses:** HH01, HU20, HU22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB221

**Campus:** CA, CB

**Sem:** 1

#### ► HHB111 ISSUES IN INTERNATIONAL AND GLOBAL STUDIES

The forces of internationalisation and globalisation represent a significant shift in the way people work, live, and relate to each other in societies and cultures. To be 'globally literate' means to engage critically with the concepts and issues of contemporary social change. This unit provides students with opportunities to investigate and analyse these issues, their opportunities and their impacts and to develop skills in analysis, research and reporting, and online discussions.

**Courses:** HH01, HU20, HU22, SS60, IF30, IF36, IF43, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB222

**Campus:** CA

#### ► HHB112 AUSTRALIAN POLITICS

This unit considers the following: the political life of the Australian citizen; the democratic political traditions and institutional bases of Australian political life; the process by which political decisions are made at all levels of Australian politics.

**Courses:** HH01, HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB694

**Campus:** CA

**Sem:** 2

#### ► HHB113 INTERPERSONAL COMMUNICATION

This unit introduces the skills and processes of interpersonal communication as modified by culture, gender and power. Microskills are developed including building rapport, reflective listening, questioning to understand, and facilitating and advocating for clients of human services. Interviewing skills and skills in group communication are highlighted. Collaborative models are emphasised and special application includes third party involvement in communication

**Courses:** HH02, SS60, HH03, HH04

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** PYB052, HSB052

**Campus:** CA

**Sem:** 2

#### ► HHB114 INTRODUCTION TO HUMAN RIGHTS AND ETHICS

This unit locates human rights in a broad political, legal, social, cultural and economic context. The unit draws on a number of academic disciplines. It consistently connects academic considerations to contemporary international, regional and national human right events. Thus, students may examine human rights in particular countries, explore topics such as child soldiers and trafficking and investigate thematic issues concerning the human rights of women, children and indigenous peoples. Extensive use is made of the Internet and media. Assessment options allow students to present work in a variety of forms.

**Courses:** HH01, HH02, HH03, HH04

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB002

**Campus:** Carseldine, Caboolture and GPSem: 1, 2

#### ► HHB115 HUMAN IDENTITY AND CHANGE

This unit includes the following: what it means to be human; ways human identities (for example cultural, sexual, professional) are created and transformed; issues of identity, morality and change confronting human units in their encounters with the demands of contemporary life.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB601

**Campus:** CA

**Sem:** 2

#### ► HHB116 APPLIED SKILLS AND SCHOLARSHIP

This unit aims to introduce students to key aspects of important generic attributes which QUT graduates are expected to acquire across the period of their studies. The unit covers a range of topics relating to information literacy, academic literacy, and technological literacy. These topics are addressed in a practical way so that students will easily be able to apply the skills learned across other units in their course. Students have the opportunity to develop their skills through a series of activities such as self-paced online exercises and quizzes, and through individual electronic access to a tutor. A variety of assessment items are spread across the semester.

**Courses:** HH01, HH02, HH03, HH04, HU22, IF43, IF30, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB000

**Campus:** CA, CB

**Sem:** 1, 2

#### ► HHB117 INTRODUCTION TO SOCIAL RESEARCH METHODS

Part of human service work involves the capacity to analyse, critique, and understand the logic and relationship to practice of research findings. The emphasis of the unit is on becoming a good consumer of research through the adoption of a critical approach to the reading and utilisation of research. This unit is designed to develop basic research skills and to prepare students for post-graduate research. Social scientific knowledge, its uses and ethical implications in the human service context, research designs and methodologies, and data collection are discussed.

**Courses:** HH02, HH01, HU22, SS60, IF43, IF70, IF81, IF82, IF86, IF30

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB222

**Campus:** CA

#### ► HHB120 ETHICS, LAW AND HEALTH CARE

Nursing practice involves making decisions with and for others. This involves making evaluations of what is in the best interest of others, what are nurses' obligations to others and what will best protect or enhance their well-being. Hence, decision-making in nursing practice is bounded by normative considerations and these normative considerations fall into two groups: those constituted by the law, and those constituted by ethics. This unit has been designed to provide, for nursing students and practitioners, an opportunity to develop a reflective understanding of the place of law and ethics in nursing and a professional awareness of current legal statutes and ethical discussions as they apply to nursing practice.

**Courses:** NS40, NS48, HH01, HH03

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB009

**Campus:** KG

**Sem:** 2

#### ► HHB121 INTERPRETING THE PAST

This unit examines how the history discipline deals with the past, including questions of evidence and interpretation. It investigates, from a critical perspective, the status and value of historical knowledge, its construction, dissemination and meaning.

**Courses:** ED50, HH01, HU20, HU22, HU21, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB649

**Campus:** CA

**Sem:** 1

#### ► HHB122 COLONIALISM AND INDEPENDENCE IN ASIA PACIFIC

This unit includes a general introduction to the history and geography of the Asia-Pacific region with a focus on the impacts of western imperialism, nationalism and economic modernisation. The unit also considers issues of population, the environment and urbanisation.

**Courses:** ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB610

**Campus:** CA

**Sem:** 2

#### ► HHB123 INDIGENOUS AUSTRALIAN CULTURE STUDIES

This unit encourages an appreciation of the two distinct indigenous cultures of Australia and how external forces to Aboriginal and Torres Strait Islander cultures caused social, economic and political changes. It looks at traditional family life and organisation.

**Courses:** HH01, HH04

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB700, HHB227

**Campus:** CA

**Sem:** 1

#### ► HHB127 ENVIRONMENT AND SOCIETY

This unit includes a geographical systems approach to investigations of the natural and social environments, and human-environmental interactions. The emphasis is on explaining spatial patterns and variability in social and natural landscapes through the understanding of physical, social and cultural processes and systems at regional and local spatial scales. Through practical sessions, the acquisition of basic geographical field and mapping skill is fostered.

**Courses:** HH01, HH04, IF70, IF81, IF82

**Credit points:** 12

**Incompatible with:** HUB201, HHB227

**Campus:** CA

**Sem:** 1

#### ► HHB130 INTRODUCTION TO SUSTAINABILITY: IDENTIFYING THEORY AND PRACTICE

This unit provides an analysis of the theories and principles of sustainability and introduces students to problem-solving, transdisciplinary perspectives that engage with sustainability and its associated issues. Observational visits to workplaces occur in this unit.

**Courses:** IX15

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1



**► HHB131 INTRO TO SUSTAINABILITY: IDENTIFYING INDICATORS AND TOOLS**

This unit introduces students to the issues associated with measuring sustainability and to various tools designed to assist such measurement. The unit also enables students to develop team work skills within problem-solving transdisciplinary contexts. Observational visits to workplaces occur in this unit.

**Courses:** IX15 **Credit points:** 12  
**Campus:** CA

**► HHB200 WORKING IN HUMAN SERVICE ORGANISATIONS**

This unit includes the following: service quality and the organisational dimension; industrialisation and development of human service work organisations; power based and empowering organisational paradigms; organisational cultures and gender; personal skills for human service workers including career, time and stress management; interpersonal skills for working collaboratively and resolving disagreement.

**Courses:** HH02, HH07  
**Prerequisites:** HSB110, HSB120  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB211  
**Campus:** CA **Sem:** 2

**► HHB201 INITIAL PROFESSIONAL PRACTICE**

Only enrolled Bachelor of Social Science (Human Services) students can undertake this unit. It provides students with an orientation to the human services industry and the organisational context of practice. A broad range of practice methods and approaches is introduced. Students undertake 200 hours of professional training consisting of an on-the-job, vocationally based experience supervised by an experienced practitioner. Attendance at seven university seminars is also required. The student and their agency supervisor devise an individual learning plan and work performance is assessed on six core competencies. Students assess their own suitability for the different types of human services practice.

**Courses:** HH02, HH07  
**Credit points:** 24 **Incompatible with:** HSB201  
**Campus:** CA **Sem:** 1

**► HHB203 AGED SERVICES: INTRODUCTION**

This unit focuses specifically on human service work with older adults. It introduces the developmental, social and cultural environment which impact on ageing, including aspects of intelligence, memory and learning and perspectives of work and retirement. In addition, the home environment and living with change, relations with family members and dealing with loss and grief are discussed.

**Courses:** HH02, HH07, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB213  
**Campus:** CA **Sem:** 1

**► HHB204 CHILD AND FAMILY SERVICES: INTRODUCTION**

This unit introduces students to child and family welfare studies and focuses on approaches to supporting families and promoting change. Students gain an overview of issues facing contemporary families that contribute to adversity and examine responses to the welfare needs of children and families, including indigenous families. Students examine characterisations of successful family relationships and causes and effects of domestic violence and child maltreatment. Principles and practices for working with families are discussed with an emphasis on rationales for and strategies associated with family-centred and empowering approaches. Dilemmas associated with working with children and families facing adversity are examined.

**Courses:** HH02, HS07, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB214  
**Campus:** CA **Sem:** 1

**► HHB205 CORRECTIVE SERVICES: INTRODUCTION**

This unit introduces students to the development and function of corrective services within the

Australian criminal justice system. Examining the history and changing role and functions of prisons, and the emergence of community corrections, the unit assists students in understanding social and philosophical underpinnings about the purpose and function of prisons and community corrections. The unit also examines theories of deviance, and types of offenders.

**Courses:** HH02, HS07, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB215  
**Campus:** CA **Sem:** 1

**► HHB206 DISABILITY SERVICES: INTRODUCTION**

This unit links social justice, human rights and empowerment philosophies underpinning courses in the School. It examines the implications of these broad principles in the lives of people with disabilities. The unit explores the theoretical, social and political frameworks for analysing and understanding disability, the principles underpinning current service provision, and their impact on the lives of people with disabilities. Also explored are the cultural values and assumptions about disability, and the processes by which these values are translated into human service activity. The unit examines individual program planning and skill development practices.

**Courses:** HH02, HS07, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB216  
**Campus:** CA **Sem:** 1

**► HHB207 SERVICES TO YOUNG PEOPLE: INTRODUCTION**

This unit provides an introduction to human services practice with young people. It gives students an overview from both theoretical and operational perspectives. The various theoretical and popular understandings about 'youth' or 'adolescence' which condition human services provision to young people will be critically explored. Diversity and marginalisation among young people in relation to socio-economic status, gender, race and ethnicity, disability, sexual identity, and geographic location are examined. The unit briefly overviews contemporary policies, services, and practice frameworks oriented to young people.

**Courses:** HH02, HS07, SS60  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB217 **Campus:** CA

**► HHB210 INDIGENOUS AUSTRALIA: COUNTRY, KIN AND CULTURE**

This unit aims to expand understanding of issues of importance to Indigenous people and to relate those issues to the practices in human service agencies. The Oodgeroo staff and leaders from the Indigenous community will work with staff from the School of Human Services in presenting this unit.

**Courses:** HH01, HH02, HH03, HH04  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB233  
**Campus:** CA **Sem:** 1, 2

**► HHB211 CASEWORK AND CASE MANAGEMENT**

Casework and case management are the predominant human services practice methods and involve a range of processes and skills to ensure that service outcomes are effective and efficient. This unit compares and contrasts casework and case management strategies and approaches across a variety of practice contexts and scenarios. Students explore and analyse primary skills, tasks, and roles including assessment, referral, brokering, review, advocacy, record keeping and workload management. Key learning strategies include problem based learning and the review, design and modification of a case management system for a particular practice context. Assessment is a scenario based exam and project paper.

**Courses:** HH02, HS07  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB230  
**Campus:** CA **Sem:** 2

**► HHB212 COMMUNITY WORK**

Community work as a distinct intervention skill is defined. The unit provides background to community work in Australia. Models of com-

munity work are introduced and analysed. Basic skills and techniques are developed: entering a community; building community involvement; developing community action; managing common problems.

**Courses:** HH02, HS07  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB320  
**Campus:** CA **Sem:** 1

**► HHB213 SOCIAL POLICY PROCESSES**

This unit includes the following: conceptualising economic, structural change in Australia; understanding emergent ideas about state and society; identifying and contrasting alternative social policies and strategies. The major debates in Social Policy are explored and analysed at a federal, state and local government level: Australia's response and the impact on redistribution of the Welfare State; health; housing; income security; immigration; family policies

**Courses:** HH02, HS07  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB321  
**Campus:** CA **Sem:** 2

**► HHB214 TEAM PRACTICE AND GROUP PROCESSES**

A significant methodology used in human service work involves facilitating, supporting or consulting with various groups of people. This unit focuses on the development of skills to utilise this type of intervention appropriately. The unit aims to provide a basic understanding of the various uses to which group processes may be applied. Group work is located as an intervention process within the human service arena as distinguished from other processes at individual, community and societal level.

**Courses:** HH02, HS07, HH04, HH01  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB232  
**Campus:** CA, CB **Sem:** 2

**► HHB215 CRISIS AND CONFLICT RESOLUTION**

This unit identifies the physiological, psychological and social impacts of human crises and interpersonal conflict. It further aims to provide students with an understanding of such crises on individuals, social units and communities, and to prepare students for professional roles involving responses to crises services. It assists students to develop specific intervention skills for professional practice in a variety of settings requiring crisis intervention, family mediation, dispute resolution, grievance hearings, and critical incident debriefing skills.

**Courses:** HH02, HS07, HH04  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB234  
**Campus:** CA **Sem:** 1

**► HHB216 THE HUMAN DIMENSIONS OF SPACE**

This unit is a component of the Community Studies major and covers the role of space in contemporary societies: key types of spaces and patterns in their usage; spaces as sites for cultural and symbolic expression; understanding the way inequality can and is reproduced through the configuration and management of space; understanding the way particular public spaces are used and experienced by particular sections of the community eg young people; key issues in public space configuration, management and policy eg enhancing social inclusion, safety and security; links between the economic and social, new urbanism; emerging theory and ideas about good practice in the development or reconfiguration of public and community accessed public spaces.

**Courses:** HH01  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSB235  
**Campus:** CA **Sem:** 2

**► HHB217 CONFLICT MANAGEMENT SKILLS FOR PROFESSIONALS**

This unit presents the psychological, relational and social impacts of interpersonal and organisational conflict. It examines relevant theoretical discourses and practice frameworks in order to enhance the student's capacity to manage and

resolve conflict. The unit explores the nature and sources of conflict. It also presents a range of conflict management and resolution techniques, including negotiation and mediation approaches. Experiential and action learning exercises are used in order to allow students to trial alternative interventions and practice new skills. The unit is built around an integrated and self-reflective framework.

**Courses:** HH01, HH03, HH04

**Contact hours:** 37.5

**Credit points:** 12

**Campus:** CA

#### ► HHB220 INTERVENTION THEORIES AND METHODS

Sound human services practice involves the assessment of complex social and client issues and the application of relevant theories and practice frameworks to implement effective change strategies and processes. In this unit, students apply and integrate theory with practice realities and dilemmas. Problem based learning is a major feature along with exploration and analysis of relevant theoretical perspectives and models. Students are assisted toward the development of their initial framework for human services practice. The influences of ideologies, values, ethics, cultural diversity and practice contexts upon service delivery options are explored.

**Courses:** HH02, HS07

**Contact hours:** 4 per week

**Credit points:** 12

**Incompatible with:** HSB218

**Campus:** CA

**Sem:** 1

#### ► HHB221 INTERVENTION PROCESSES AND ETHICS

This unit focuses on knowledge and skills for human services practice. Its particular focus is enabling students to apply core human services processes (such as engagement, assessment, intervention, case management, closure), and to develop skills in considering the ethical and cultural dimensions of human service practice. Critical examination of these will further assist students in the ongoing development of their own practice framework especially in respect to the dynamic interplay between personal and professional influences. The unit plays an important role in preparing students to undertake their Professional Practice Placement in third year.

**Courses:** HH02, HS07

**Prerequisites:** HSB218

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HSB228

**Campus:** CA

**Sem:** 2

#### ► HHB222 HUMAN SERVICE PRACTICE: LEGAL DIMENSION

This unit focuses on the connection between the law, judicial and legal systems, and human service practice. It provides a detailed description of the legal, criminal and judicial systems and processes in Australia and Queensland. It includes a critical analysis of the relationship between the law and justice exploring the notion of law as a social construct reflecting differentials in power. Throughout, an emphasis is placed on those aspects of law and legal processes that have particular application for human services and human service practice.

**Courses:** HH02, HS07

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HSB 229

**Campus:** CA

**Sem:** 2

#### ► HHB223 ISLAM AND ISLAMIC SOCIETIES

This unit provides a valuable learning opportunity for students to explore the origin and development of Islam. It examines the influence of Islam on areas of life including social, economic, political and human values. This unit employs a wide range of learning tools to construct a comprehensive and critical understanding of Islam.

**Courses:** HH01, HH03, HH04

**Contact hours:** 36

**Credit points:** 12

**Campus:** CA

**Sem:** 2

#### ► HHB224 QUALITATIVE RESEARCH METHODS

This unit introduces students to the logic/s, techniques and contributions of qualitative methods. First, it focuses on the processes and logics involved in qualitative research, paying particular

attention to theory construction, the inductive method and issues of reliability and validity. The unit looks at these processes with respect to the contribution and logic of the qualitative case study. Students then acquire both conceptual and hands on skills in the application of a number of qualitative research techniques. These include ethnography and observational methods, accessing documents through Internet search techniques and the analysis of spoken interaction through conversation analysis.

**Courses:** HH01, PY07, SS60, HU20, HU22,

IF30, IF36, IF43, IF70, IF81, IF82, IF86, ED50

**Prerequisites:** SSB969 or HUB133

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HUB140

**Campus:** CA

**Sem:** 2

#### ► HHB225 POLITICAL SOCIOLOGY

This unit examines a variety of sociological themes which might broadly be termed political. Central to the unit is an examination of sociological conceptions of power. Typically, sociologists have examined power in connection with the state; power has frequently been regarded as flowing from the state. The unit examines these debates, and considers recent theorisations which have begun to detach power from the state. Case studies to make these distinctions clearer, including the construction of an Australian administrative elite, the notion of police in seventeenth and eighteenth century Europe, and the compulsory education as the sphere of the reproduction of social relationships.

**Courses:** HH01, HH03, HH04, HU22, SS60,

HU20, IF30, IF36, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HUB134

**Campus:** CA

**Sem:** 2

#### ► HHB226 CONSUMING CULTURES

Consumption is usually understood in economic terms as the 'flip-side' to production. However, the act of consuming can also be considered as a practice which has particular cultural/social connotations. Additionally, although the social relations of consumption and the way in which consuming practices are read culturally are often understood in local or community terms, much contemporary debate centres on the implications of globalisation in the (re)formulation of cultures and cultural values. Questions arise. For example, do globalisation and its associated mass production of goods and services imply increasingly homogenised consumer cultures or are there other processes at work that act to challenge or unsettle such homogenising tendencies?

**Courses:** HH01, HU22, SS60, IF43, IF30, IF70,

IF81, IF82, IF86

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** CA

#### ► HHB228 ENVIRONMENTAL HAZARDS

This unit includes the following: the nature of hazard, risk and disaster; origins of hazards; nature of disaster; influences on the perception of risk; disaster prediction, preparation, response and recovery strategies.

**Courses:** ED50, HH01, HU20, HU22, IF70,

IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86,

IF30, SS60

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HUB207

**Campus:** CA

**Sem:** 2

#### ► HHB229 WINDOWS ON JAPAN

The focus of this unit is contemporary Japan and Japanese people. Topics include the following: a geographical overview of Japan, its natural resources and population; contemporary political, social and environmental change; Japan's role in the Asia Pacific region.

**Courses:** ED50, HH01, HU20, HU22, IF36,

IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30,

SS60

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HUB220

**Campus:** CA

#### ► HHB230 POLITICAL BEHAVIOUR

Topics covered in this unit include political socialisation and party identification, political culture and ideology, old and new political values, support for minor political parties, political campaigns and political issues, party leaders and

local candidates, connections between elite and mass political behaviour and participation.

**Courses:** SS60, HH01, HU22, HU20, IF30,

IF36, IF43, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HUB126

**Campus:** CA

#### ► HHB231 HEALTH, SOCIETY AND ENVIRONMENT

This unit provides sociological analysis of the health care models and institutions, healing relationships (between patients, nurses and doctors), theories of disease causation, and relationships in illness situations and illness behaviours. It also covers sociology of the body including exploration of the experience of illness and professional practice from the patient's perspectives, the influence of gender, age, ethnicity, social class and disability in their experience, and the importance of a social and cultural approach to environmental health issues.

**Courses:** SS07, HH01, HU20, HU22, SS60,

NS40, NS48, IF30, IF36, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HUB127

**Campus:** CA

**Sem:** 1

#### ► HHB232 SURVEY METHODS

This unit introduces students to the principles and procedures of survey research using a practical, applied approach and stressing the uses of survey research for investigating a range of different social problems and social science questions. It covers the fundamentals of designing and conducting surveys and then introduces students to the basics of how to analyse survey data once they have been collected. No prior knowledge of or experience with survey research or statistics is assumed.

**Courses:** SS07, SS60, HH01, HU20, HU22,

IF30, IF36, IF43, IF70, IF81, IF82, IF86

**Prerequisites:** HUB120, HHB104 or SSB000

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HUB130

**Campus:** CA

**Sem:** 1

#### ► HHB233 SEX, GENDER AND SOCIETY

this unit focuses on the history of feminist thought and contemporary perspectives with reference to issues of sociological inquiry. It examines the significance of perspectives from critical theory, structuralism, post-structuralism and action approaches in the development of feminist theory. The implications of feminist perspectives for research strategies are considered with reference to feminist philosophers of science and metatheorists such as Sandra Harding and Dorothy Smith.

**Courses:** SS07, SS60, HH01, HU22, HU20,

IF30, IF36, IF43, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HUB131

**Campus:** CA

#### ► HHB234 SOCIOLOGICAL THEORY

This unit examines the relationship between sociological theories and sociological analysis. It covers a range of theoretical approaches and looks at their application in specific case studies. Students are encouraged to see the social world as an explorable milieu which can be approached from a variety of research strategies. The topics are explored in relation to theories of classical sociological authors such as Karl Marx, Georg Simmel, Max Weber and Emile Durkham, as well as many contemporary authors.

**Courses:** SS07, HH01, HU20, HU22, SS60,

IF30, IF36, IF43, IF70, IF81, IF82, IF86

**Prerequisites:** HUB120 or HHB104

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** HUB133

**Campus:** CA

**Sem:** 1

#### ► HHB236 VIRGINS, SAINTS AND SINNERS: SOCIOLOGY OF RELIGION

This unit explores the role that religions and various forms of spirituality play in contemporary social processes. It discusses how religious movements are gaining instead of losing social significance (eg religious fundamentalisms) and explains why and how they are diversifying. Students are given insights into a variety of themes, including new religious movements, civil



religion, sex and Christianity, the ideas of sin, apocalypse, and many more. Religious phenomena are explored in a manner sensitive to believers but also in a critical, relativist and value-neutral fashion.

**Courses:** HH01, HU20, HU22, SS60, IF36, IF43, IF70, IF30, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB145

**Campus:** CA

**Sem:**

#### ► HHB237 BRISBANE IN THE TWENTIETH CENTURY

A study of local history often serves to highlight, in a more immediate way, trends which are apparent at the national and international level. This unit focuses on key turning points in the history of Brisbane. It examines sources for and approaches to the study of the history of Brisbane and district and then applies these ideas to selected case studies.

**Courses:** HH01, HH03

**Credit points:** 12

**Campus:** CA

**Sem:** 1

#### ► HHB238 ASIAN CULTURES AND SOCIETIES

This is an introductory survey of Asian societies and cultures. It presents the diverse array of cultures, languages and peoples that comprise the many identities of the Asia Pacific region. It aims to introduce students to the environment, the cultures, and the societies of the Asia Pacific at the current time. Focus is placed on the nature of economic and political development in the region and the costs and benefits of that experience.

**Courses:** HH01, IF43, IF70, IF30, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB331 **Campus:** CA

#### ► HHB239 KOREAN CULTURE AND SOCIETIES

Korea has important trading, historical and cultural links with Australia. In this introductory unit on Korea, students examine the histories, culture and societies of South and North Korea, with foundations in pre-modern history and the philosophies of shamanism, Taoism, Buddhism and Confucianism. The unit examines the experiences in Korea of colonialism, communism and modernisation. Students critically evaluate contemporary politics, society and social relations in Korea, the impacts of globalisation and Korea's place in regional and world affairs.

**Courses:** HH01, HU20, HU22, SS60, IF36, IF43, IF70, IF81, IF82, IF86, IF30

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB332 **Campus:** CA

#### ► HHB240 SOCIOLOGY OF CRIME AND DEVIANCE

Crime, justice and deviance are central features of our social and political lives. A sociological approach to the study of crime and deviance takes it for granted that social values, processes and institutions shape the form and the content of crime and deviance. In this unit, students learn about the causes and forms of crime and deviance, and the unit gives students some of the theoretical and methodological skills necessary to collect, interpret and evaluate information about crime and deviance. While this unit is offered as an elective in the sociology major, it deals with one of the core concerns in sociology. It is extremely useful for students for a variety of career options (policing, corrections, social policy, private security, etc).

**Courses:** HU20, HU22, HH01, SS60, HH03, IF43, IF36, IF30, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB150

**Campus:** CA

**Sem:** 2

#### ► HHB241 GENDER AND GLOBALISATION

This unit challenges existing notions of development. It evaluates current models of development and aid in terms of their implications for women. It suggests that real development for women and their dependents requires a woman-centred approach, one that acknowledges the needs and desires of the women involved utilising the existing skills and networks of women themselves.

**Courses:** HH01, HH03

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

#### ► HHB242 PACIFIC CULTURE CONTACT

This unit includes key concepts including mobility, religion, morality, leadership, civilisations, society, change and continuity. It develops an appreciation of culture and sensitivity towards cultural heritage and considers case studies and comparative analyses that focus on the people of the Pacific at the time of initial European contact.

**Courses:** HH01, HH03, ED50, IF36, IF43, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:**

#### ► HHB243 THE PACIFIC SINCE 1945

This unit examines national identity and nationhood in the context of contemporary events in the Pacific Islands, including indigenous and external attempts to create a regional identity. The major themes are cultural transformation, the invention of tradition, neo-colonialism, sovereignty and independence. Through an overview of the events that are important in the lives of Pacific Island people, the unit presents key concepts including mobility, adaptation, change, tradition, continuity, conflict and independence.

**Courses:** HH01, HH03

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

#### ► HHB244 SOUTHEAST ASIA IN FOCUS

Australia's interaction with South-East Asia, including our most populous nearest neighbour, Indonesia, has increased dramatically over the last fifty years. This unit examines aspects of South-East Asian geography, environment, society and culture in a contemporary framework.

**Courses:** HH01, HH03

**Contact hours:** 3 per week

**Campus:** CA

**Sem:** 1

#### ► HHB245 AUSTRALIA AND THE SOUTH PACIFIC

This unit includes a critical analysis of the history of Australian bilateral and multilateral links with the Pacific islands region, including Pacific frontier theory, sub-imperialism, colonial rule and contemporary dialogue over aid, trade, regionalism, defence, cultural exchange and migration.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF86, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB627 **Campus:** CA

#### ► HHB246 MODERN CHINA

This unit includes an historical survey of China during the nineteenth and twentieth centuries. The primary focus is on the decline of the traditional Chinese state and the impact of foreign imperialism. Stress is placed on the growth of nationalism and the Chinese revolution. The modernisation of Chinese culture, the position of women and the forces that have brought China to resume its place as the major Asian force are studied.

**Courses:** HH01, HH03

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

#### ► HHB248 THE USA AND THE ASIA PACIFIC REGION

Despite claims that it was not a colonial/imperial power, the USA had extensive territories - Hawaii, Philippines, Samoa, Micronesia - and historically was active in China, Vietnam, Korea, Taiwan and was the occupation force in post-war Japan. This unit addresses questions from a global, regional and historical perspective. How did the USA acquire this interest in the Asia-Pacific? How was it administered and why did the USA withdraw? How did Asia-Pacific peoples react to USA control? What role did Asia play in the USA's concept of their Manifest Destiny, the Open Door policy, the Nixon Doctrine and the Cold War? How is the USA situated now in Asia-Pacific?

**Courses:** HH01, HU22, SS60, IF30, IF43, IF70, IF81, IF82, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

#### ► HHB249 SOCIAL MOVEMENTS IN AUSTRALIA

This unit looks at the new social movements in Australia since the 1960s: the green movement; the women's movement; the peace movement; indigenous and Third World development movements; comparison with overseas and old social movements.

**Courses:** ED50, HH01, HU20, HU22, SS13, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF70, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB682

**Campus:** CA

#### ► HHB250 AUSTRALIAN

#### GEOGRAPHICAL STUDIES

The unit systematically describes and explains the geography of Australia by analysing the distinctive spatial patterns and processes that constitute the Australian landscape. Topics include the state of the environment, land-use patterns, the rural crisis, settlements and cities, population and societal change, and economic/regional development. Emphasis is on contemporary, issue-based themes.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB683

**Campus:** CA

**Sem:** 1

#### ► HHB251 AUSTRALIAN RESOURCE MANAGEMENT

This unit describes the principles of ecologically sustainable development and environmental resource management and outlines their practical applications to environmental planning, development and conservation issues in Australia. Institutional, political, social, economic and technological processes affecting environmental resource management are critically discussed with examples drawn from contemporary Australian experiences.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB685

**Campus:** CA

#### ► HHB253 CONSPIRACY AND DISSENT IN AUSTRALIAN HISTORY

Case studies reflect conspiracies as well as protest movements in nineteenth and twentieth century Australia. This unit considers some including nineteenth century land grab conspiracies, Aboriginal resistance, the Petrov affair, the 1975 dismissal, and the Hilton bombing.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB692

**Campus:** CA

**Sem:** 2

#### ► HHB255 INDIGENOUS POLITICS AND POLITICAL CULTURE

This unit examines issues and influences underlying the world of indigenous politics: political representation; land rights; health; education; community development; criminal justice; culture and heritage. The course has an Australian focus with New Zealand and North American comparisons.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB703

**Campus:** CA

**Sem:** 2

#### ► HHB256 EUROPE SINCE 1945

This unit uses historical and literary perspectives to highlight major themes in the development of European society and culture since 1945.

**Courses:** ED50, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB720

**Campus:** CA

**► HHB257 THE CLASSICAL WORLD**

This unit considers the emergence and development of European society from earliest times to 500 AD; it examines the major political, social and economic trends in classical Greek and Roman society.

**Courses:** HH01, HH03, ED50, IF70, IF81, IF82, IF43, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA **Sem:** 2

**► HHB258 FOUNDATIONS OF MODERN EUROPE**

This unit studies the formation of modern Europe from the late Middle Ages to the end of the eighteenth century, the emergence of secularism and the rise of the nation states.

**Courses:** HH01, HH03

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA **Sem:** 2

**► HHB259 WAR AND REVOLUTION IN EUROPE 1914-1945**

This unit examines political, social, economic and intellectual developments in Europe from 1914-1945.

**Courses:** HH01, HU22, HU20, IF30, IF43, IF70, IF81, IF82, IF86, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB723 **Campus:** CA

**► HHB260 NATIONS AND NATIONALISM IN MODERN EUROPE**

This unit selectively examines political, social, economic and intellectual developments in modern Europe from the French Revolution to the era before the Great War of 1914-18.

**Courses:** HH01, HU22, HU20, IF43, IF30, IF70, IF81, IF82, IF86, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB743 **Campus:** CA

**► HHB261 MEDIEVAL EUROPE**

The Middle Ages constitute a crucial period in the formation of a European identity. The breakdown of the Roman world saw the gradual emergence of a Christian civilisation of striking originality. At the same time, the period gave rise to political fragmentation, as well as to the national characteristics and antagonisms which are still part of the European scene today. This unit considers this period and its influences

**Courses:** HH01, HH03, ED50, IF70

**Credit points:** 12

**Campus:** CA

**Sem:** 1

**► HHB262 POLITICAL IDEOLOGIES**

This unit introduces the political spectrum of the traditional Left-Right-Centre ideologies including Fascism, Conservatism, Liberalism, Socialism, Communism, Anarchism. Cross-spectrum ideologies such as Feminism, Imperialism, Racism, and Environmentalism are included as well. The course concludes with reference to post-modernist politics and its implications for the traditional ideological spectrum.

**Courses:** HH01, HU20, HU22, IF36, ED50, IF30, IF70, IF43, IF81, IF82, IF86, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB772 **Sem:** 2

**► HHB263 POLITICS OF GLOBALISATION**

This unit includes the following: political economy of production; form of economic calculation and theories of value, profit and interest; ownership and control of production in market and non-market situations.

**Courses:** HH01, HU20, HU22, IF36, ED50, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB802 **Sem:** 1

**► HHB264 PUBLIC AND PROFESSIONAL ETHICS**

This unit discusses the following: the ethical dimensions of public and professional life; the ethical rights and responsibilities of the individual citizen and the state within a liberal democracy; the ethical responsibilities of institutional and professional agencies and the roles and ethical responsibilities of individual citizens in such agencies.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB751

**Campus:** CA

**Sem:** 1

**► HHB265 THE JUST SOCIETY**

This unit explores how the notions of justice and concepts such as equity in various ethical and political traditions are applied to recent policy debates about affirmative action, the criminal justice system, political practice, health and the environment.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB752

**Campus:** CA

**Sem:** 1

**► HHB266 ETHICAL DECISION MAKING**

This unit examines the ways in which various decision-making practices can be normally grounded, the practical value of such procedures for human transformation and emancipation, and the ways in which decision-making practices either sustain or subvert moral communities.

**Courses:** HH01, HU20, HU22, IF36, IF39, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB753

**Campus:** CA

**Sem:** 2

**► HHB267 FEMINISM AND ETHICS**

This unit discusses the impact of the feminist movement on ethical and political theory. What does it mean to say the differences between men and women are natural or socially cultivated? What are the normative implications of these differences? What counts as equality between the sexes? Do women think differently about ethical situations from men?

**Courses:** HH01, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB754

**Campus:** CA

**Sem:** 1

**► HHB268 VULNERABLE IDENTITIES**

This unit considers vulnerability and the experiences of persons who are vulnerable because of exploitation, abandonment, confusion or suffering and other unethical practices. It looks at ways of relating with the vulnerable and allows students to develop a richer appreciation of others as well as themselves.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB755

**Campus:** CA

**► HHB269 ETHICS, TECHNOLOGY AND THE ENVIRONMENT**

This unit examines how decisions about new technologies and the environment are based not solely on factual evidence but also on ethical judgements. It considers the ethical aspects of various issues: genetic engineering; free-riding problems with 'caring for' the environment; human obligations toward non-human animals; whether wilderness areas have value independent of their value to humans; and whether a proper concern for the environment requires a new 'environment or ecological ethic'.

**Courses:** HH01, HU20, HU22, IF36, IF43, IF81, IF82, IF83, IF84, IF86, IF30, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB757

**Campus:** CA

**Sem:** 2

**► HHB270 GENE TECHNOLOGY AND ETHICS**

Gene technology is poised to revolutionise science, technology, the practice of medicine, and the global economy. Social and public policies must keep up with the science and with public sentiments. Ethical inquiry must identify acceptable rules of public conduct. Processes are called for to balance the vastly divergent perspectives and interests. The introductory unit mirrors the interdisciplinary nature of gene technology and is open to students from all faculties. The unit discusses the nature of ethics and gene technology. It presents select topics of relevance to medical

genetics, the environment and the biotechnology industry. Finally, it discusses Federal and State Government policy and strategy.

**Courses:** All

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB831

**Campus:** CA

**Sem:** 1

**► HHB271 ETHICAL THEORY**

In this unit students are exposed to some of the most common approaches to ethical theorising, including deontology, utilitarianism, egoism and virtue theory. These theories are introduced via both historical and contemporary proponents. Students are also made aware of how these broad categories are related to a range of standard theories about political theorising, such as contractarian liberalism or the utilitarianism, implicit in much welfare state theorising or economic theorising about justice. Furthermore, students will be familiarised with some of the standard positions regarding the question of objectivity in ethics, versus moral or cultural relativism about ethical questions.

**Courses:** HH01, HH03, IF70, IF81, IF82, IF30, IF43

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA **Sem:** 2

**► HHB272 COMPOSING IDENTITIES: THE ARTISTRY OF LIVING**

This unit provides an opportunity to examine the practices of accounting for and constituting who we are - our identities. It examines the inseparability between composing our lives and living our lives, between artistry and identity, and considers the significance of this fusion for our own well being and that of others. The artistry of living is a practical endeavour which is often practiced through writing, especially autobiographical or 'self-life-writing'. The unit, therefore, considers the relationship between autobiography and identity and the different forms of living that emerge from these practices.

**Courses:** HH01, HH03, IF70, IF81, IF82, IF30, IF43, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA **Sem:** 1

**► HHB273 RESHAPING LIFE AND DEATH**

The unit covers the following areas: new technologies of birthing including the medicalisation of birth, pre-natal screening, and artificial reproductive technologies; the human genome project, emerging possibilities, health and social implications; the technologies of life support, the definition of death, issues of organ cultivation; cultural and ideological features of the new 'life' technologies.

**Courses:** HH01, HH03, IF70, IF81, IF82, IF30, IF43, IF86

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA **Sem:** 1

**► HHB274 HUMAN RIGHTS: INTERNATIONAL AND REGIONAL ACTIVISM**

This unit encourages students to consider the transformative nature of human rights activism at the international and regional level. It examines the international human rights system giving particular attention to the social, political, gender and cultural dimensions of the development of international and regional human rights norms. It critically reviews the effectiveness of the international and regional human rights system in the protection, promotion and realization of civil, political, economic, social, cultural and developmental rights. Academic deliberations are located in a number of concrete human rights issues and situations.

**Courses:** HH01

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB003 **Campus:** CA

**► HHB275 HUMAN RIGHTS: AUSTRALIAN ACTIVISM**

This unit encourages students to consider the transformative nature of human rights activism within the Australian domestic context. It examines the relationship between the international human rights system and the domestic human rights regime. The unit gives particular attention to the social construction of rights and examines

Australian human rights from political, economic, gender, power, cultural and indigenous perspectives. It critically reviews the effectiveness of the domestic human rights system in the protection, promotion and realization of civil, political, economic, social, cultural and developmental rights.

**Courses:** HH01

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB005 **Sem:** 1

**► HHB280 GOVERNMENTAL, COMMUNITY AND CORPORATE SUSTAINABILITY**

This is the mandatory integrating unit in the first semester of the second year of the Bachelor of Sustainability course. The unit focuses on sustainability issues and practices in the governmental, corporate and community sectors. Students continue their engagement with team work activities, transdisciplinary perspectives and undertake a sustainability audit.

**Courses:** IX15 **Contact hours:** 3 per week

**Credit points:** 12 **Campus:** CA

**► HHB281 SUSTAINABILITY IN SOUTH EAST QUEENSLAND**

This is the mandatory integrating unit in the second semester of the second year of the Bachelor of Sustainability course. The unit focuses on sustainability issues and practices in the context of South East Queensland. Students engage in industry-based seminars and work-based project development and continue to develop transdisciplinary perspectives of sustainability.

**Courses:** IX15 **Contact hours:** 3 per week

**Credit points:** 12 **Campus:** CA

**► HHB300 CURRENT DEVELOPMENTS IN HUMAN SERVICES**

This unit identifies major forces influencing the direction and nature of the welfare state. It explores the impact of change in welfare state for the contemporary human service industry. The unit identifies emerging trends in human service organisation and delivery, and examines the implications for human service practitioners, service providers, and consumers.

**Courses:** HH02, HS07

**Contact hours:** 2 week block

**Credit points:** 12 **Incompatible with:** HSB300

**Campus:** CA **Sem:** 2

**► HHB301 ADVANCED PROFESSIONAL PRACTICE**

Only enrolled Bachelor of Social Science (Human Services) students can undertake this unit. Students prepare for employment by developing and refining their assessment and intervention skills while undertaking a 400 hour vocationally based practice experience supervised by an experienced practitioner. Demonstrated sound and ethical practice abilities are expected of students during an intensive exposure to a range of practice methods, issues and dilemmas. Students and their agency supervisor devise a learning plan, which assesses work performance in six core competencies and a flexible assessment item. Students attend university workshops and complete university requirements including a job application and reflective assignment.

**Courses:** HS07

**Prerequisites:** HSB201, HSB218, HSB228,

HSB211, HSB229

**Credit points:** 36 **Incompatible with:** HSB301

**Campus:** CA **Sem:** 2

**► HHB303 AGED SERVICES: ADVANCED**

This unit builds on the knowledge, skills and abilities developed in Aged Services: Introduction. Issues around the health and wellness status of older people are explored and there is an emphasis on investigation and addressing the needs of this group as they grow older in the Australian environment. Specific issues to be discussed include the following: health behaviours; physical changes associated with ageing; nutrition; physical exercise; sexuality; substance abuse; dementia; care-giving; advocacy.

**Courses:** HH02, HS07, SS60

**Prerequisites:** HSB213

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB323

**Campus:** CA **Sem:** 1

**► HHB304 CHILD AND FAMILY SERVICES: ADVANCED**

This unit includes: work with disadvantaged parents, foster carers and adoptive parents; human services responses by women; parents and women's participation in services; service characteristics consistent with user rights, empowerment and social justice; parents and families involuntarily receiving services; application of skills in ethical decision-making, policy development, interpersonal processes and group work.

**Courses:** HH02, HS07, HH03, SS60

**Prerequisites:** HSB214

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB324

**Campus:** CA **Sem:** 1

**► HHB305 CORRECTIVE SERVICES: ADVANCED**

This unit is designed to enhance students' knowledge and understanding of contemporary issues currently facing corrective services based on analysing the students' field education experiences. From this understanding, students are assisted in developing their critical thinking and problem solving skills, and undertake strategies to prepare for employment opportunities in corrective services.

**Courses:** HH02, HS07, HH03, SS60

**Prerequisites:** HSB215

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB325

**Campus:** CA **Sem:** 1

**► HHB306 DISABILITY SERVICES: ADVANCED**

This unit builds on concepts and issues introduced in the Disability Services: Introduction unit and is designed to promote understanding of the knowledge required to undertake policy and service development activities within the disability sector. It explores the range of service models relevant to people with a disability across their lifespan. Additionally, it examines the quasi-legal and policy aspects of working in disability service organisations, along with some of the ethical dilemmas inherent in human service provision with relevance to people with a disability.

**Courses:** HH02, HH03, HS07, SS60

**Prerequisites:** HSB216

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB326

**Campus:** CA **Sem:** 1

**► HHB307 SERVICES TO YOUNG PEOPLE: ADVANCED**

Many of the positions available in the human services industry and oriented to young people require specific knowledge, skills and understandings. This unit involves an in-depth exploration of contemporary and emerging areas of direct and indirect practice with young people. Included are early intervention and prevention, youth policy analysis and development, juvenile justice practice, youth and family work, youth health practice, public space practice, accommodation and housing practice, and the interface between human services practice and schools. The unit also examines the legal and ethical dimensions of direct practice as an integral part of the unit.

**Courses:** HH02, HH03, HS07, SS60

**Prerequisites:** HSB227, HSB310

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSB327

**Campus:** CA **Sem:** 1

**► HHB310 GLOBALISATION AND SOCIAL THEORY**

This unit examines a range of social theory that has had an increasing impact on sociological work in the last decade or so. The unit concentrates on the so-called 'post-Marxist' tradition (Althusser, Poulantzas, Bourdieu), on poststructuralism and postmodernism (Lyotard, Baudrillard, Derrida, Foucault), on German critical theory (Habermas), and on theories of the breakdown of modernity and the birth of the risk society (Giddens, Beck). This social theory is introduced with an emphasis on its practical uses for the empirical sociologist.

**Courses:** HH01, SS07, SS60, HU20, HU22,

IF30, IF36, IF43, IF70, IF81, IF82, IF86

**Prerequisites:** HUB133 or HHB234

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB139

**Campus:** CA **Sem:** 2

**► HHB312 GEOGRAPHICAL RESEARCH DESIGN**

The unit develops skills in geographical field techniques and data analysis, and provides a foundation in advanced research design for geographical studies. Information capture and analysis focuses on local-region investigations, and the use of geographical software and databases including resources from the Australian Bureau of Statistics, Bureau of Meteorology and local government.

**Courses:** ED50, HH01, HU20, HU22, IF70,

IF36, IF43, IF70, IG81, IF82, IF83, IF84, IF86,

IF30, SS13, SS60

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB688

**Campus:** CA **Sem:** 1

**► HHB315 SEX AND DRUGS IN SOUTH-EAST ASIA**

This unit focuses on the social, cultural, economic and political impacts of the drug trade and the sex trade in South-East Asia including both the historical dimensions of these phenomena as well as their contemporary aspects. The unit examines the progress of the trades, the nature of the traders and the political and economic dimensions of these activities, both legal and illegal.

**Courses:** HH01, HU22, IF30, IF43, IF70, IF81,

IF82, IF86, HH03

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HUB633 **Campus:** CA

**► HHB317 GLOBAL SUSTAINABLE FUTURES**

This is the mandatory integrating unit in the first semester of the third year of the Bachelor of Sustainability course. The unit focuses on the issue of sustainable global futures and the debates surrounding the means by which such futures may be secured. Students explore these issues through oral presentations, a research paper and the use of a scenario-based role play.

**Courses:** IX15 **Contact hours:** 3 per week

**Credit points:** 12 **Campus:** CA

**► HHB318 SUSTAINABLE FUTURES - WATER: RESOURCES, POLITICS AND SOCIETY**

This is the mandatory integrating unit in the second semester of the third year of the Bachelor of Sustainability. This unit focuses on water as central to the development of a sustainable future. It discusses the complex socio-environmental and political aspects of water by pointing to the multifaceted ways in which water is linked to human attitudes and activities. Students explore these issues through a simulated consultancy brief that focuses on sustainable water management.

**Courses:** IX15 **Contact hours:** 3 per week

**Credit points:** 12 **Campus:** CA

**► HHB320 INDEPENDENT PROJECT 1**

This unit is designed to develop research and writing skills, and is available within the BA degree, enabling students to engage in a small-scale research project.

**Courses:** HH01, HU20, HU22, SS60, HH03

**Credit points:** 12 **Incompatible with:** HUB954

**Campus:** CA **Sem:** 1, 2

**► HHB321 INDEPENDENT PROJECT 2**

This unit is designed to develop research and writing skills, and is available within the BA degree, enabling students to engage in a small-scale research project.

**Courses:** HH01, HU20, HU22, HH03, SS60

**Credit points:** 12 **Incompatible with:** HUB955

**Campus:** CA **Sem:** 1, 2

**► HHB328 RESEARCHING APPLIED ETHICS**

This unit examines the different methods that characterise contemporary research in Applied Ethics. The historical emergence of Applied Ethics, the key assumptions which underpin the various methodologies, and the current critical debates on method are key topics considered in this unit.

**Courses:** HH01, HU20, HU22, HU21, NS40, NS48  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HUB758  
**Campus:** CA **Sem:** 2

#### ► HHB330 INTERNSHIP PROGRAM

This provides an opportunity for students to be placed in an appropriate off-campus situation in work related to their studies. This unit may be taken over one semester or extended to cover two. It can be taken in Semesters 1, 2 or 3.

**Courses:** HH01 **Credit points:** 24  
**Incompatible with:** HUB952 **Sem:** 1

#### ► HHB335 BODIES, CYBORGS AND CYBERSPACE

This unit critically examines modern and post-modern concepts of the body, with a particular focus on the contemporary understanding of the body as 'cyborg', and the bodily-based transformative effects of technoscience. To achieve this, the unit takes a trans-disciplinary approach, mixing sociology with cultural studies, philosophy, science, medicine, information technology, and the performing/visual arts.

**Courses:** HH01, HHO3, HHO4, IF70, IF36, IF82, IF43

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HHB235

**Campus:** CA **Sem:** 1

#### ► HHB400 HUMAN SERVICES RESEARCH THESIS 1-5

This unit involves the design and initial development of the dissertation topic. This includes the literature review. HHB400 4-5 involve further research and completion of an honours dissertation under the direction of a supervisor. Seminars provide a formal forum and an opportunity for the discussion of research projects and problems associated with research and writing and enable staff and students to share the outcomes of their scholarly activities.

**Courses:** HH22, HS14  
**Contact hours:** 12 per component

**Incompatible with:** HSP413

#### ► HHB402 RESEARCH COLLOQUIUM

This provides a forum for the discussion of problems associated with research and writing. It allows students to share with each other the outcomes of their scholarly activities. Invited researchers will provide insights into the research process.

**Courses:** HH23, SS13  
**Contact hours:** 2 per week **Credit points:** 12  
**Incompatible with:** HUB124

#### ► HHB403 LITERATURE REVIEW

This is part of a supervised program in the Honours student's chosen area of specialisation. An assessed critical paper on literature relevant to the Honours dissertation topic is prepared.

**Courses:** HH21, HH23, HU21, SS13  
**Credit points:** 12 **Incompatible with:** HUB901  
**Sem:** 1, 2

#### ► HHB404 HONOURS THESIS 1

This includes the supervised design and initial development of an Honours dissertation leading to completion of a thesis outline, including synopses and projected chapters, and a statement of objectives, methods and sources

**Courses:** HH21, HH23 **Credit points:** 12  
**Incompatible with:** HUB902

#### ► HHB405 HONOURS THESIS 2

This includes supervised research and writing of the Honours dissertation, normally between 12,000 and 15,000 words.

**Courses:** HH21, HH23, HU21, SS13  
**Prerequisites:** HUB901, HUB902  
**Credit points:** 36 **Incompatible with:** HUB903  
**Sem:** 2

#### ► HHB406 HONOURS THESIS 3

**Courses:** HH21 **Credit points:** 12

#### ► HHB407 HONOURS SEMINAR

**Courses:** HH21, HH22, HH23  
**Credit points:** 12  
**Campus:** CB **Sem:** 2

#### ► HHN410 LOGIC OF SOCIAL INQUIRY

This unit assists students to address crucial questions of research design and methodology in the

formulation and conduct of both qualitative and quantitative research projects.

**Courses:** HH22, HH23, HH31, HH32, HH40, HH50

**Credit points:** 12 **Incompatible with:** PYB454  
**Campus:** CA **Sem:** 1

#### ► HHP003 AGED SERVICES - GRADUATE STUDIES

This unit engages students in analysing national and international developments in the broad field of aged services through comparative study of policies, practices and processes. Students examine issues affecting the well-being of older adults and their families, critically evaluate approaches to services provision for older people and to research in gerontology, and explore a range of impacts on service design and delivery.

**Courses:** HH30, HH31, HH32, HS13, HS15, HS16

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP425 **Sem:** 2

#### ► HHP004 CHILD AND FAMILY SERVICES - GRADUATE STUDIES

In this unit, students conduct a comparative analysis of Australian and international policies, practices and processes in services for children and families and identify the impact of socio-cultural, political and economic processes on the design and delivery of child and family services. Students identify and critically evaluate the application of selected concepts underpinning service design and delivery (such as choice and participation), thoroughly investigate the evidence base for selected practices, and have the opportunity to explore concerns arising from practice contexts.

**Courses:** HH31, HSH15, HH32, HS16, HH30, HS13

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP424 **Campus:** CA

#### ► HHP006 DISABILITY SERVICES - GRADUATE STUDIES

This unit offers the opportunity to extensively analyse, evaluate and respond to developments in the disability area. An ability to reflect on and make considered responses to current Australian developments is enhanced as students engage in in-depth analysis and collaborative critique of national and international provisions made to address issues concerning people with disabilities. Exploring areas of interests will promote skills of critical analysis and the ability to apply current research and debate within the disability arena.

**Courses:** HH32, HH32, HH30, HS15, HS13, HS16

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP426 **Sem:** 2

#### ► HHP007 YOUTH SERVICES - GRADUATE STUDIES

This unit equips students with the ability to evaluate and respond to developments in services to young people through comparative analysis of changes and continuities in policies and practices. Students will discern key human service concepts and identify how these operate in selected service contexts in both national and international settings. Issues associated with evidence building for policy and service developments are addressed. Students identify their own knowledge needs and explore concerns arising in contexts they know about, in order to enhance skill development and transfer, in particular the informed application of research.

**Courses:** HH32, HH31, HH30, HS13, HS16, HS15

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HSP427

**Campus:** CA **Sem:** 2

#### ► HHP011 CRITICAL ISSUES IN THE HUMAN SERVICES

This unit identifies critical contemporary issues impacting upon the human services industry in particular. The contemporary environment in which human services exist is creating sets of tensions which have the potential to both seriously challenge and radically reorder and reconstruct service delivery and professional practice. The unit is designed to explore and develop com-

prehension of the issues, and their implications for the specific domains of service delivery of the proposed research projects and/or areas of interest of participants.

**Courses:** HH22, HH31, HS14, HS15  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSP411  
**Campus:** CA **Sem:** 1

#### ► HHP012 LEADERSHIP IN THE HUMAN SERVICES

This unit explores conceptions of and skills in leadership to enable participants to provide effective leadership in human service contexts. It reflects an increasing awareness that leadership is of central importance in the development and management of governments and community organisations and in energising and enabling community groups to identify and meet their needs. Underlying this unit is the notion that leadership, as currently conceptualised, is not simply the task of those in positions of responsibility but involves all in the development and delivery of services.

**Courses:** HH30, HH31, HH32, HS15, HS16  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSP412  
**Campus:** CA **Sem:** 1

#### ► HHP013 MANAGING HUMAN SERVICE ORGANISATIONS

This unit will create an awareness of the issues and challenges faced by the human service manager and improve knowledge of the functions and techniques of management. As well as developing an understanding of the application of these management techniques, the unit will recognise the influence between the quality of management and the quality of service provided to service users. It will build competency in training effective human service managers.

**Courses:** HH30, HH31, HH32, HS15, HS16  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSP421  
**Campus:** CA **Sem:** 2

#### ► HHP014 MANAGED CARE AND CASE MANAGEMENT

This unit develops high level analysis and skills in the emerging context of managed care. Case management is becoming the dominant mode of service delivery in the community service industry. While the conceptual genesis of case management resides within human service bodies or practice knowledge, it is being applied across a range of service delivery systems. While some of the processes involved in case management are taught in human service education programs, there is little opportunity for employees and managers to comprehensively explore case management as a discreet mode of intervention.

**Courses:** HH31, HH32  
**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CB

#### ► HHP015 CONTRACTING AND POLICY IN THE HUMAN SERVICES

Service delivery systems in the community services industry are in the process of being restructured. The primary dynamic carrying the process is the imperatives of understanding performance and accountability between purchasers (governments) and providers (non-state agencies). Contracts are an important part of these changes. To date, there is little experience in the industry of the management of a contract regime or its implications for service delivery outcomes. This unit is designed to convey key skills in managing contracts from both the purchaser and provider side of the equation.

**Courses:** HH30, HH31, HH32, HS15, HS16  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HSP423  
**Campus:** CA **Sem:** 2

#### ► HHP020 HUMAN SERVICES PRACTICE RELATED RESEARCH 1-2

Students explore an issue from their practice or the field using research and scholarship.

**Courses:** HH32, HS16  
**Credit points:** 48 (24 each)

**Incompatible with:** HSP020  
**Campus:** CA **Sem:** 1, 2

### ► HHR501 SOCIAL SCIENCE METHODS FOR THE KNOWLEDGE SOCIETY

This unit provides an in-depth treatment of a number of key methodologies in the social sciences, humanities and human services. The unit builds on core methodological knowledge and aims to supply the student with the tools to embark on professional practice projects. The unit builds on material presented in HHN410, The Logic of Social Inquiry, enabling students to explore chosen methodologies in greater detail.

**Courses:** HH50 **Credit points:** 12  
**Campus:** CA **Sem:** 2

### ► HHR510 CONFERENCE PRESENTATION 1: NETWORKING AND PRESENTATION

This unit develops students' skills in summarising, reporting and communicating doctoral-level research. The unit accompanies the development and completion of the first professional practice project, and is designed in order that students can learn how to disseminate the results of that project. The unit also focuses on other issues in the communication and dissemination of professional practice, including mentoring and networking, and leadership roles in the professions.

**Courses:** HH50 **Credit points:** 12  
**Campus:** CA **Sem:** 1, 2

### ► HHR520 CONFERENCE PRESENTATION 2: PROFESSIONAL NETWORKS

This unit develops the skills learned in HHR510; however, while that unit focussed on academic forums for the presentation of research and the development of research networks, this unit concentrates on the translation of doctoral-level research for work-based settings. This unit develops students' skills in summarising, reporting and communicating doctoral level research.

**Courses:** HH50 **Credit points:** 12  
**Prerequisites:** HHR510 **Sem:** 1, 2  
**Campus:** CA

### ► HHR530 CONFERENCE PRESENTATION 3: ACADEMIC NETWORKS

This unit focuses on the presentation of high level, complex work, to an expert audience. The unit develops the emphases in HHR510 and HHR520 on networking and on the translation of findings to professional colleagues; however, in this, the emphasis is on the translation of research findings to an academic audience.

**Courses:** HH50 **Prerequisites:** HHR520  
**Credit points:** 12 **Sem:** 1, 2

### ► HHR551-1 PROFESSIONAL PRACTICE PROJECT 1 1/4

The professional practice project allows students to work with supervisors on the first professional project for the Doctor of Social Science. The professional project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 48 credit points.

**Courses:** HH50 **Credit points:** 12  
**Sem:** 1, 2

### ► HHR551-3 PROFESSIONAL PRACTICE PROJECT 1 3/4

The professional practice project allows students to work with supervisors on the first professional project for the Doctor of Social Science. The professional project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 48 credit points

**Courses:** HH50 **Credit points:** 12

### ► HHR551-2 PROFESSIONAL PRACTICE PROJECT 1 2/4

The professional practice project allows students to work with supervisors on the first professional project for the Doctor of Social Science. The professional project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 48 credit points.

**Courses:** HH50 **Credit points:** 12

### ► HHR551-4 PROFESSIONAL PRACTICE PROJECT 1 4/4

The professional practice project allows students to work with supervisors on the first professional project for the Doctor of Social Science. The professional project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 48 credit points.

**Courses:** HH50 **Credit points:** 12

### ► HHR561-1 PROFESSIONAL PRACTICE PROJECT 2 1/4

The professional practice project 2 provides for students to work with supervisors on the second professional project for the Doctor of Social Science. The project deals with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 48 credit points.

**Courses:** HH50 **Prerequisites:** HHR501, HHR510, HHR551, 3 electives  
**Credit points:** 12 **Sem:** 1, 2

### ► HHR561-2 PROFESSIONAL PRACTICE PROJECT 2 2/4

See HHR561-1 for details.

**Courses:** HH50 **Prerequisites:** HHR501, HHR510, HHR551, 3 electives  
**Credit points:** 12

### ► HHR561-3 PROFESSIONAL PRACTICE PROJECT 2 3/4

See HHR561-1 for details.

**Courses:** HH50 **Prerequisites:** HHR501, HHR510, HHR551, 3 electives  
**Credit points:** 12

### ► HHR561-4 PROFESSIONAL PRACTICE PROJECT 2 4/4

See HHR561-1 for details.

**Courses:** HH50 **Prerequisites:** HHR501, HHR510, HHR551, 3 electives  
**Credit points:** 12

### ► HHR571-1 PROFESSIONAL PRACTICE PROJECT 3 1/8

This project provides for students to work with supervisors on the third professional project for the Doctor of Social Science. The project will deal with project planning, project implementation and project evaluation. The project will be designed to fit the scale, scope and focus of 96 credit points.

**Courses:** HH50 **Prerequisites:** HHR561-4, HHR520  
**Credit points:** 12 **Sem:** 1, 2

### ► HHR571-2 PROFESSIONAL PRACTICE PROJECT 3 2/8

See HHR571-1 for details.

**Courses:** HH50 **Prerequisites:** HHR561-4, HHR520  
**Credit points:** 12

### ► HHR571-3 PROFESSIONAL PRACTICE PROJECT 3 3/8

See HHR571-1 for details.

**Courses:** HH50 **Prerequisites:** HHR561-4, HHR520  
**Credit points:** 12

### ► HHR571-5 PROFESSIONAL PRACTICE PROJECT 3 5/8

See HHR571-1 for details.

**Courses:** HH50 **Prerequisites:** HHR561-4, HHR520  
**Credit points:** 12

### ► HHR571-7 PROFESSIONAL PRACTICE PROJECT 3 7/8

See HHR571-1 for details.

**Courses:** HH50 **Prerequisites:** HHR561-4, HHR520  
**Credit points:** 12

### ► HHR571-8 PROFESSIONAL PRACTICE PROJECT 3 8/8

See HHR571-1 for details.

**Courses:** HH50 **Prerequisites:** Part 2 of course (HHR561-4, HHR520)  
**Credit points:** 12

### ► HLN405 QUALITATIVE RESEARCH

This unit addresses a range of qualitative methodologies and methods which represent alternative approaches to the application of the quantitative paradigm in Health Science research. The predominance of the natural sciences in nursing/health research has come into question in recent times and thus the unit introduces students to the origins of such challenges, to the knowledge bases of the alternative approaches to investigating the microsocial world of health/illness, and to the relevant research methods. The unit comprises a series of lectures, seminar presentations and relevant readings.

**Courses:** HL88, HL50, HL52, HL55, NS85, NS64, PU65, PU69  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

### ► HLN700 THESIS

The thesis provides an opportunity to formally extend and synthesise knowledge gained in earlier semesters of the program. Coursework conducted in the area of specialisation may be applied in a practical manner reflecting a student's specific interest in health science. The work represents an independent and original piece of research completed under the guidance of a supervisor. The thesis may be a report on research that makes a contribution to knowledge, or a study in which the student critically analyses and appraises existing knowledge and produces observations and conclusions of value to the field concerned.

**Courses:** HL88, PU85  
**Credit points:** 48  
**Campus:** KG, EXT **Sem:** 1, 2, 3

### ► HLN701 INDEPENDENT STUDY

Independent Study allows students to study topics which are not otherwise available as a formal unit. Students have the opportunity to pursue their studies relatively independently and to develop and practice skills in problem identification, evaluation and/or critical thinking. The study may be for example a critical literature review, an examination of guidelines, or an evaluation. The process and outcomes are negotiated in a contract with a supervisor.

**Courses:** HL38, HL68, HL88, HL90  
**Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2, 3

### ► HLN703 PROJECT A

An important aspect of postgraduate development is the opportunity to engage in research or project work in a specialist field of study in industry or as a component of consultancy work. Working in industry or a health-related agency, locally or internationally, can provide students with valuable work experience and develop skills and expertise that advances their profession or the particular industry involved. The research option enables students to work independently under the guidance of a supervisor. The research may be a report that makes a contribution to knowledge or a study in which the student critically analyses existing knowledge and produces observations and conclusions of value to the field concerned.

**Courses:** HL68, HL88, PU85  
**Credit points:** 24  
**Campus:** KG, EXT **Sem:** 1, 2, 3

### ► HLN704 PROJECT B

An important aspect of postgraduate development is the opportunity to engage in research or project work in a specialist field of study in industry or as a component of consultancy work. Working in industry or a health-related agency, locally or internationally, can provide students with valuable work experience and develop skills and expertise that advances their profession or the particular industry involved. The research option enables students to work independently under the guidance of a supervisor. The research may be a report that makes a contribution to knowledge or a study in which the student critically analyses existing knowledge and produces observations and conclusions of value to the field concerned.

**Courses:** HL88  
**Prerequisites:** HLN703 **Credit points:** 24

**Campus:** KG, EXT**Sem:** 1, 2, 3**► HLN705 INTRODUCTION TO QUANTITATIVE RESEARCH METHODS**

The content of this unit emphasises the practical aspects of quantitative research methods design, with the aim of exposing students to important concepts in the design of research studies, and in the assessment of the research of others. There is a strong emphasis on applying concepts through critical reading of the literature and the development of a comprehensive research proposal as the main practical exercise.

**Courses:** HL38, HL68, HL88, HL90, PU60, PU67, PU85

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** PUB316 or equivalent

**Campus:** KG, EXT **Sem:** 1

**► HLN706 ADVANCED QUANTITATIVE RESEARCH METHODS**

The content of this unit builds on the basic statistics background assumed of students. A unifying theme is the concept of sources of variation in collected data: how proper design of study and measurement instruments minimise some sources of variation (error), how analytical techniques account for other sources, and finally that introduced error that cannot be accounted for must be addressed in discussion of results. Analytical strategies for modelling health data are compared, and practical experience focuses on the analysis and interpretation of various data sets.

**Courses:** HL38, HL68, HL88, HL90, PU40, PU43, PU60, PU85

**Prerequisites:** HLN705 or PUN105

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

**► HLN708 PROJECT**

This 48 credit point project extends the range of applied investigative options for the Master of Health Science students to undertake. The project is designed to be a workplace-based unit that enables students to undertake a concentrated applied project in a specific area of interest in the workplace and to combine work and study requirements. It enables students to concentrate on a specific area of interest and to apply intellectual rigour to that area to complete a project of work at an advanced level.

**Courses:** HL88 **Credit points:** 48

**Campus:** KG, EXT **Sem:** 1, 2, 3

**► HLN750 THESIS**

Part-time students enrol in this unit which is conducted over two semesters. The thesis provides an opportunity to formally extend and synthesise knowledge gained in earlier semesters of the program. The work represents an independent and original piece of research completed under the guidance of a supervisor. The thesis may be a report on research that makes a contribution to knowledge, or a study in which you critically analyse and appraise existing knowledge and produce observations and conclusions of value to the field concerned.

**Courses:** HL88, PU85 **Credit points:** 24

**Campus:** KG **Sem:** 1, 2, 3

**► HLP101 ADVANCED DISCIPLINE READINGS**

This unit is a compulsory component of the Faculty of Health Honours programs. It provides the opportunity for students to identify and review the literature relevant to their selected research topic. A one day seminar in advanced information retrieval skills is included in the unit.

**Courses:** HL50, HL52, HL55

**Corequisites:** HLP103 **Credit points:** 12

**Campus:** KG **Sem:** 1

**► HLP102 RESEARCH SEMINARS**

This unit is a compulsory component of the Faculty of Health Honours programs. Content includes the preparation and completion of a seminar presentation in a professional and scientific manner and attendance at scheduled seminars.

**Courses:** HL50, HL52, HL55

**Prerequisites:** HLN706 or HLN405 (nursing students must complete both)

**Corequisites:** HLP101 **Credit points:** 12

**Campus:** KG **Sem:** 2

**► HLP103 DISSERTATION**

This is a compulsory unit in the Faculty of Health Honours programs. It is broken into a number of components that are completed over successive semesters (as appropriate for full-time or part-time course structure). The dissertation study represents an independent piece of research completed with the guidance of a supervisor. A written report in the form of a dissertation proposal must be submitted by the end of Week 6 in the semester in which enrolment in the dissertation commences.

**Courses:** HL50, HL52, HL55 **Credit points:** 48

**Campus:** KG **Sem:** 1, 2

**► HLR710 RESEARCH PROJECT**

The Doctor of Health Science prepares graduates to be leaders in their professions. The degree incorporates a large research component which may be a single large research project or a portfolio of approved related smaller projects. The research is designed to be strongly grounded in the students' professional practice in order to enhance and extend critical thinking, synthesis, application of theoretical frameworks and the development of new knowledge at an advanced level in a relevant field. The research can be interdisciplinary but should apply concepts and principles acquired and developed through the coursework component of the degree.

**Courses:** HL90 **Credit points:** 192

**Campus:** KG **Sem:** 1, 2, 3

**► HMB171 FITNESS HEALTH AND WELLNESS**

The dimensions and interrelationships of health, physical activity and wellness are studied. Basic principles of conditioning and exercise prescription necessary to demonstrate the impact of physical activity on lifestyle diseases, health behaviours and wellness are examined. Principles and theory of behaviour change are employed.

**Courses:** ED43, ED50, ED51, ED52, HL 40, HL42, HL44, HM42, IF62, IF73

**Contact hours:** 3-4 per week **Credit points:** 12

**Campus:** KG **Sem:** 1, 2, 3

**► HMB172 NUTRITION AND PHYSICAL ACTIVITY**

This unit is an introduction to principles of nutrition in relation to the physical activity setting, and the role of nutrition and physical activity in weight management. This unit also covers the essential elements of child growth and development (auxology) in relation to nutrition and health. The unit is designed to underpin studies in exercise physiology and sports nutrition.

**Courses:** HM42, IX04, IF62, HL43, HM45, IF62, HL40

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

**► HMB231 PHYSICAL EDUCATION CURRICULUM STUDIES 1**

This unit provides students with a range of understandings and competencies for interpreting and managing the physical education environment for teaching and learning. It assists students to develop competencies needed for lesson planning and teaching at all school levels.

**Courses:** ED90, ED95, IX04

**Contact hours:** 3 **Credit points:** 12

**Campus:** KG **Sem:** 1

**► HMB271 FOUNDATIONS OF MOTOR CONTROL, LEARNING AND DEVELOPMENT**

This unit introduces students to the behavioural and neural bases of movement control through an examination of the central nervous and neuromuscular systems, hierarchical control, human information processing, and dynamical systems. It covers elements of sensory mechanisms related to movement. Foundations of motor learning and adaptation are introduced, linking underlying mechanisms of learning with principles that may be applied in teaching, coaching and rehabilitation.

**Courses:** ED90, ED51, HL40, HL42, HL43, HM45, HM42, IF62, IX04

**Prerequisites:** LSB131, LSB231

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

**► HMB272 BIOMECHANICS**

This unit includes the application of mechanics as they apply to Human Movement: kinematics and dynamics of human body models; quantitative analysis; impact; work and power; fluid dynamics; material properties.

**Courses:** HL40, HL42, HL43, HM45, HM42, IF62, IX04, PU40

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

**► HMB273 EXERCISE PHYSIOLOGY 1**

This unit describes the immediate physiological responses to exercise, and the adaptations that occur with long-term exercise training. Exercise places a demand on the human body to provide sufficient energy to perform. The metabolic, hormonal, cardiovascular and pulmonary systems must adapt to meet the challenge of homeostasis. The active skeletal muscle must increase extraction and utilisation of oxygen and other fuels, the cardiovascular system must respond to improved gas and fuel transport, and lung function must change to facilitate increased respiratory gas exchange.

**Courses:** ED90, HL40, HL42, HL43, HM45, HM42, IF62, IX04

**Prerequisites:** LSB231 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

**► HMB274 FUNCTIONAL ANATOMY**

This unit includes the following: surface anatomy of the trunk and upper and lower limb; morphological and mechanical properties of bone, muscle-tendon units with implications for physical activity; joint structure and function; analyses of movement tasks including walking and running; cinematography and electromyography in functional anatomy of movement tasks.

**Courses:** ED90, ED51, HL40, HL42, HL43, HM42, HM45, IF62, IX04

**Prerequisites:** LSB131

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

**► HMB275 EXERCISE AND SPORT PSYCHOLOGY**

This unit includes the following: introduction to the psychological factors which influence performance, participation and adherence to both sport and exercise programs; personality and the athlete; attention and arousal; relaxation theory and practice; aggression and psycho-social development; leadership and team cohesion.

**Courses:** ED90, HL40, HL42, HL43, HM42, HM45, IF62, IX04

**Prerequisites:** PYB012 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

**► HMB276 RESEARCH IN HUMAN MOVEMENT**

This unit includes principles of research: purposes, philosophy, applications. It addresses quantitative research including basic statistics, descriptives, ANOVA, correlation, regression and non-parametrics, and basic research design hypothesis testing. Qualitative research includes methodology, data collection, theory building. Research presentation includes writing a research report and developing conclusions. The unit also considers the application of research, examples in human movement, related literature, computer data analysis, and information retrieval.

**Courses:** ED90, HL40, HL42, HL43, HM42, HM45, IF62, IX04

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

**► HMB277 EXERCISE AND SPORT NUTRITION**

This unit considers the relationship between nutrition and exercise and physical activity. Areas covered include dietary and energy requirements in exercise and sport and substrate utilisation at the cellular level during exercise. The influence that nutrition has on performance via changes in body composition, fuel utilisation, blood biochemistry and ergogenic aids will also be covered. Nutritional supplements and water and electrolyte balance in exercise and sport are also part of this unit.

**Courses:** HL42, HM42, IF62, IX04, PU43



**Prerequisites:** HMB172**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1**► HMB282 RESISTANCE TRAINING**

This unit aims to equip students with the basic knowledge, skills and competencies required for exercise prescription in resistance training for muscular fitness. Students build on prior knowledge of biomechanics, anatomy, physiology and motor control to develop understanding of the mechanical and physiological determinants of muscular fitness. The unit incorporates a blend of theoretical background, practical knowledge, and skills in the main areas of muscular hypertrophy, strength, power and endurance. This understanding is then used to critically analyse resistance training programs.

**Courses:** HM42, HL40, HL42, HL43, IX04, IF62**Prerequisites:** HMB27, HMB272, HMB274  
**Corequisites:** HMB273 **Credit points:** 12  
**Campus:** KG **Sem:** 2**► HMB292 HEALTH EDUCATION CURRICULUM STUDIES 1**

This is the initial unit in a series of three Health Education Curriculum units. Students are introduced to current health education curriculum documents with a specific focus on the Queensland Education System. The unit also provides students with a range of competencies for interpreting and managing the health education classroom as a complex social environment for teaching and learning.

**Courses:** ED90, ED95, IX04**Contact hours:** 3 **Credit points:** 12  
**Campus:** KG **Sem:** 1**► HMB305 PERSONAL HEALTH**

Lifestyle is largely determined by an individual functioning in a socio-environmental context that places some limitations on choice and resultant health. This unit is designed to assist individuals to develop a positive self-concept, a sound knowledge of lifestyle issues and the implications and decision-making skills necessary to make wise choices. The focus of this unit is the development of such qualities for personal maintenance and improvement. Movements in this direction are achieved by analysing the processes involved in developing individuals capable of taking control of their lifestyles and resultant health. Much of this analysis will be self-focused.

**Courses:** ED90, ED51**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1**► HMB307 HEALTH AND PHYSICAL EDUCATION CURRICULUM (PRIMARY)**

The unit provides teachers for the years 1-10 Health and Physical Key Learning Area, with appropriate learning experiences based on current philosophy and knowledge focused to assist children in meeting developmental needs. Health and Physical Education (HPE) can add significantly to this development by providing physical, emotional, social and intellectual support. It is necessary for Primary teachers to understand the syllabus and the implications it contains to enable them to develop modern units and lesson plans.

**Courses:** ED26, ED51, ED56, IF82, IF84**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1**► HMB313 SOCIO-CULTURAL FOUNDATIONS OF PHYSICAL ACTIVITY**

This unit lays a foundation in the disciplines of the socio-cultural areas which underpin the study of human movement. It serves as an introduction to the historical, sociological, philosophical, anthropological and cultural foundations of sports, games and leisure activities.

**Courses:** ED90, ED51, HL42, HL43, HM42, HM45, IF46, IF62, IX04**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1**► HMB314 PERFORMANCE SKILLS 1**

This unit involves the application of movement principles to the analysis and development of techniques in all major swimming strokes, water

rescue methods, and track and field events. Students explore teaching strategies, motivational, conditioning and training activities, the development of learning experiences for various ability levels and event rules application.

**Courses:** ED90, ED51, ED52, IX04**Contact hours:** 6 per week **Credit points:** 12  
**Incompatible with:** PRB344, PRB345, PRB346  
**Campus:** KG **Sem:** 1, 2**► HMB315 PERFORMANCE SKILLS 2**

In this unit, various game forms are analysed in order to identify fundamental game skills and problem areas in skill development. Emphasis is placed on the application of relevant movement knowledge and skills to suit game situations and on learning appropriate strategies for teaching and coaching selected games.

**Courses:** ED90, ED51, ED52, IX04**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2**► HMB331 PHYSICAL EDUCATION CURRICULUM STUDIES 2**

This unit extends the principles of professional practice established in the first curriculum studies unit and further encourages students to develop a critically reflective approach to their teaching. Students will learn how to extend their professional practice with a range of understandings and competencies for interpreting and managing the health and physical education classroom as a complex environment for teaching and learning, and to develop competencies needed for planning and teaching a range of health and physical education units of work. Current health and physical education curriculum documents are explored.

**Courses:** ED90, ED95, IX04**Prerequisites:** HMB231 **Credit points:** 12  
**Campus:** KG **Sem:** 1**► HMB332 HEALTH RELATED FITNESS**

This unit provides a forum for a review of selected classic and recent literature representing the growing body of evidence and the arguments supporting the relationships between physical activity and chronic disease and the relationships between physical activity, fitness, optimal health and wellness. Special attention is given to the question of 'How much is enough?' to achieve health and wellness enhancement. This knowledge is applied to an individual or a small group within the school, community and personal lifestyle contexts.

**Courses:** ED90, ED51, HL40, HM42, IF62, IX04**Prerequisites:** HMB171 or PUB327  
**Contact hours:** 3-4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1**► HMB333 CHILD AND ADOLESCENT HEALTH**

This unit focuses on the wide range of factors that impact on the health of individuals in the two crucial stages of life: childhood and adolescence. An analysis is made of knowledge, beliefs and skills required for promoting health-enhancing behaviours during these ages and experience is provided on some of the skills needed to assess and maintain the health status of children and adolescents.

**Courses:** ED90, ED51, ED52, IX04**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2**► HMB337 ORGANISATION AND MANAGEMENT IN PHYSICAL EDUCATION AND SPORT**

School physical education departments and sporting associations are medium-sized organisations requiring direction for servicing a large client base. In this unit, students examine the role of administrators and the administration of monies, facilities and human resources in a school physical education and sports setting.

**Courses:** ED90, IX04**Prerequisites:** HMB314, HMB315  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2**► HMB342 THE DEVELOPMENT OF TEACHING SKILLS IN PRIMARY PHYSICAL EDUCATION**

Designed around micro-teaching and involving student teachers, children and their working environment in schools, this unit promotes excellence in teaching, preparation and planning with an emphasis on active learning and research. Physical education teacher education students develop a greater understanding of their prospective working environment.

**Courses:** ED90, ED50, ED51, IX04**Prerequisites:** HMB310, HMB370  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2**► HMB361 FUNCTIONAL ANATOMY 2**

This is a project-based unit designed to enable students with a background in Functional Anatomy to develop greater expertise in one or a combination of the following areas: electromyography; orthopaedic biomechanics; kinesiology of sport and work; comparative functional anatomy; locomotion and posture; research techniques in functional anatomy.

**Courses:** HM42, IX04 **Prerequisites:** HMB274**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2**► HMB362 BIOMECHANICS 2**

This unit includes the following: measurement techniques within biomechanics; analysis of force systems; photographic, goniometric and electrographic analysis of movement; an introduction to viscoelasticity and biological materials; material properties; mass and inertial characteristics of the human body; applied aspects of biomechanics undertaken from a research project perspective.

**Courses:** HM42, ME46, IF62, IX04**Prerequisites:** HMB272, HMB274  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1**► HMB363 INDEPENDENT STUDY**

This unit is offered to meet the specific interest of students beyond the content offered within existing units. Students conceptualise, plan and execute a research study including survey of literature, develop an action plan, reflect on a practice or situation, and propose future action. The student works at an advanced level and autonomously under the supervision of a lecturer.

**Courses:** HL42, HM42**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2**► HMB364 SEMINARS IN HUMAN MOVEMENT**

This unit is offered to capitalise on the expertise of resident or visiting staff, the special needs and interests of students, and to create flexibility in unit offerings. These may include special expertise, high quality limited period research projects, seminars, conferences and new initiatives by staff and students. An interest group studies the area chosen cooperatively.

**Courses:** ED90, ED51, HM42, IF62, IX04**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2**► HMB371 MOTOR CONTROL AND LEARNING 2**

This is an advanced unit which provides an in-depth view of theories and concepts in motor learning and control: how we control actions in both everyday and skilled behaviours and how this capability is acquired. This course provides a multidisciplinary perspective, drawing on research from psychology, neuroscience, biomechanics, robotics, neural networks and medicine. The unit is organised around the theme of sensorimotor integration as related to posture and balance, locomotion, and arm movements such as reaching, grasping and pointing.

**Courses:** ED90, HM42, IF62**Prerequisites:** HMB271  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2**► HMB374 PSYCHOLOGY OF REHABILITATION**

This unit includes the following: factors that predispose to injury and behavioural change; the

psychological process of rehabilitation; teaching specific psychological rehabilitation and coping strategies; the grief process; the rehabilitation psychologist's role in the rehabilitation team; disabled athletes.

**Courses:** ED90, HM42, IF62, IX04

**Prerequisites:** HMB275, HMB372

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► HMB375 ADAPTED PHYSICAL ACTIVITY

In this unit, students carry out the following: adapt physical activity for a variety of physical, sensory and intellectually disabling conditions and chronic diseases; design and implement programs suitable for these people to improve levels of motor skills and general health and wellness; participate in, and design programs for disabled athletes.

**Courses:** ED90, ED51, ED52, HM42, IF62, IX04

**Prerequisites:** HMB271

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► HMB376 MOTOR DEVELOPMENT IN CHILDREN

This unit includes the theoretical perspective of normal and abnormal motor development, incorporating maturational, descriptive and behavioural aspects and the underlying sensory, perceptual, neurological and cognitive changes which influence motor development in children. It also includes a theoretical understanding of developmental differences and development delay in children with intellectual, sensory or physical disability. Experience is obtained in developmental and adapted physical activity programs.

**Courses:** ED90, ED51, ED52, HM42, IF62, IX04

**Prerequisites:** HMB271

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► HMB377 CHILDREN IN SPORT

This unit includes the following: physical development of the young athlete; physical maturation; benefits of participation in sport and physical activity; psycho-social issues; positive and negative effects of participation including competitive stress; injuries to the growing skeleton; overtraining, overuse injuries; strength training in childhood and adolescence; promotion of safety in sport; accreditation of teachers and coaches; policy guidelines for junior sport.

**Courses:** ED90, HM42, IF62, IX04

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► HMB379 DISORDERS OF HUMAN MOVEMENT

This unit introduces a selection of disorders and disease states that limit or alter the capacity for movement and physical activity. Each is described in terms of relevant epidemiology and pathophysiology, emphasising the relationship between each disorder and movement or activity, together with factors affecting this relationship. The unit provides students with a basic knowledge of a selection of movement-related disorders, as a foundation for subsequent applications, whether in research, working with special populations, in rehabilitation, or in other clinical settings. The unit also enhances the ability of students to study independently disorders not covered in the unit.

**Courses:** ED90, ED51, HL40, HL42, HL43, HM42, HM45, IF62, IX04

**Prerequisites:** HMB271, HMB272, HMB273, HMB274

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► HMB381 EXERCISE PHYSIOLOGY 2

This unit examines the integrated regulation of the organ system examined in Exercise Physiology 1. Within this integrated perspective current research areas will be highlighted, including but not limited to (1) exercise performance and environmental stress, (2) special aids to exercise training and performance, and (3) limitations to

exercise in healthy normal individuals, elite athletes and selected patient populations.

**Courses:** ED90, HM42, IF62

**Prerequisites:** HMB273

**Contact hours:** 3-4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► HMB382 PRINCIPLES OF EXERCISE PRESCRIPTION

In this unit, students examine the physiological principles and methods used in training and conditioning programs at all levels of physical activity. The integration of fitness assessment and exercise prescription is a major component of the unit, introducing the student to these requirements in the context of aerobic conditioning, resistance training, weight loss and flexibility. There is a strong emphasis on putting theory into practice, including the development and utilisation of appropriate practical skills in both fitness assessment and exercise prescription.

**Courses:** HM42, IF62, IX04, HL40, HL42, HL43, HM45

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► HMB383 WORKPLACE HEALTH

This unit considers the historical and current position of workplace health as one emerging focus of occupational health and safety. Issues, laws, policies, programs and union, employer and employee perspective are analysed in conjunction with the role of workplace health professionals. The planning, development, promotion, implementation, administration and evaluation of programs from a wellness counsellor's perspective are analysed.

**Courses:** ED90, HM42, IF62, IX04

**Prerequisites:** HMB171 or HMB332

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► HMB384 INJURY PREVENTION AND REHABILITATION

This unit considers the following: epidemiology and the nature of common injuries that occur at home, school, work and during sporting activities; current philosophies of preventative measures and strategies for the treatment and rehabilitation of injuries; the role of health training, exercise and fitness in injury prevention, treatment and rehabilitation regimes; the pathology of injuries and repair processes highlighted by examining specific examples.

**Courses:** ED90, HM42, IF62, IX04

**Prerequisites:** HMB379

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► HMB396 HEALTH EDUCATION CURRICULUM STUDIES 2

This is the second in a suite of three Health Education Curriculum units. It is designed to extend students with a range of understandings and competencies for interpreting and managing the health education classroom as a complex social environment for teaching and learning. It assists students to develop those competencies needed for planning and teaching health education units of work. It has an important role in preparing students for the professional practice component of their course, leading to the development of confidence and competence in class management skills, and facilitating the use of post-lesson and post-practicum reflection and evaluation.

**Courses:** ED90, ED95, IX03

**Prerequisites:** HMB292

**Credit points:** 12 **Sem:** 2

#### ► HMB431 PHYSICAL EDUCATION CURRICULUM STUDIES 3

This unit will be available from 2006. It will develop students' competencies in the effective planning and implementation of school work programs and units of work consistent with the Senior Physical Education Syllabus. It will also develop students' skills and confidence in effective teaching practices specifically related to teaching physical education and will assist them to become independent and reflective learners.

**Courses:** ED90, ED95, IX04

**Prerequisites:** HMB331 **Contact hours:** 3  
**Credit points:** 12 **Campus:** KG

#### ► HMB441 SOCIOLOGY OF SPORT

This unit includes the sociology of sport: historical and contemporary perspectives; sport in Australia; Australia's sporting heritage; corruption of sport; control of sport; media and sport; inequality in sport; social issues in sport.

**Courses:** ED26, HM42, IF62

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► HMB470 PRACTICUM 1

In the first of the Human Movement dedicated Practicum units, students undertake in-depth experience at two different workplaces (40 hours each) while maintaining ongoing involvement in the School's clinics (20 hours). The student is provided with an extended opportunity to apply classroom learned knowledge and skills under the supervision of Human Movement Practitioners. Workplace involvement is preceded by a vocational skill seminar and workshop program while an interactive analysis program is instigated post practicum.

**Courses:** HL40, HL42, HL43, HM42

**Credit points:** 12

**Campus:** KG **Sem:** 1, 2

#### ► HMB471 PROJECT 1

Students in the Bachelor of Applied Science are required to undertake a project in Year 4. Students work in small groups on original topics. Work includes a literature review and the presentation of experimental hypotheses, research methodology, and analysis procedures. Groups present their research plans in seminars at the end of Semester 1.

**Courses:** HL42, HL43, HM42, HM45

**Credit points:** 12

**Campus:** KG **Sem:** 1, 2

#### ► HMB472 PROJECT 2

The project proposal developed in HMB471 is implemented followed by the analysis of results and publication of a report. Groups present their findings in seminars at the end of Semester 2.

**Courses:** HL42, HL43, HM42, HM45

**Prerequisites:** HMB471 **Credit points:** 12

**Campus:** KG **Sem:** 1, 2

#### ► HMB475 PRACTICUM 2

This includes a comprehensive vocational experience undertaken as a supervised full-time internship. Students are supervised in the performance of operational tasks including clinical, management and administration and further develop independent professional skills and knowledge. The internship is followed by a comprehensive reflective analysis of the experience.

**Courses:** HL42, HM42

**Credit points:** 36

**Campus:** KG **Sem:** 1, 2

#### ► HMB480 ADVANCED EXERCISE PRESCRIPTION

This is a companion unit to HMB382, and extends the understanding of how fitness assessment and exercise prescription can be applied to an individual. A number of different disease states, special populations and scenarios are used to examine the potential role of physical activity and appropriately prescribed exercise to maintain and improve functional capacity. A strong emphasis is placed on identifying the problems faced in fitness assessment and exercise prescription for special cases and conditions, and finding appropriate solutions.

**Courses:** HM42, HL38, HL68, HL88, IF62

**Prerequisites:** HMB382

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► HMB496 HEALTH EDUCATION CURRICULUM STUDIES 3

This unit will be available from 2006. It will extend the principles of professional practice established in HMB292 and HMB396 and further encourages the development of a critically reflective approach to the teaching in that area. It emphasises planning and teaching in the senior secondary school and extends a student's ability to make independent judgments about curriculum decisions within syllabus guidelines and broader systems policies, while considering national and international trends in education and society. The



unit also encourages exploration of current issues and emerging and future trends in subject areas

**Courses:** ED90, ED95 **Prerequisites:** HMB396  
**Credit points:** 12 **Campus:** KG

► **HMB615 EXERCISE PHYSIOLOGY**

This unit includes the following: bioenergetics; exercise metabolism; hormonal response to exercise; muscle structure and function; circulatory adaptations, respiration and acid-base balance during exercise; temperature regulation, training and conditioning; body composition and nutrition; fitness testing and assessment procedures.

**Courses:** ME46

**Contact hours:** 3 per week **Credit points:** 8  
**Campus:** KG **Sem:** 1

► **HMB617 WORKPLACE HEALTH**

This unit includes the following: history of workplace health; legal aspects; role of associated professionals; trends in mortality and morbidity; workplace health promotion agencies and programs; planning, development, promotion, implementation and evaluation processes.

**Courses:** ME46

**Contact hours:** 3 per week **Credit points:** 8  
**Campus:** KG **Sem:** 2

► **HMN202 DEVELOPING AND ASSESSING HIGHER ORDER THINKING SKILLS IN SCHOOL PHYSICAL EDUCATION**

This unit examines contemporary theories of teaching and learning and knowledge frameworks for school PE. It evaluates current models of teaching and learning and existing personal practices in PE in the context of learning theories and knowledge frameworks and creates new and alternative approaches to teaching and learning for the development and assessment of higher order thinking skills in school PE.

**Courses:** ED13, HL88 **Credit points:** 12  
**Campus:** EXT **Sem:** 1

► **HMN203 APPLICATION OF THE SCIENCES TO TEACHING AND LEARNING IN PHYSICAL EDUCATION AND SPORT**

In this unit, students undertake the following: identify the key knowledge from the biophysical and socio-cultural sciences that pertain to the improvement of performance in physical activities and sports; analyse the relationship between the sciences and improvement of performance in selected physical activities and sports; design teaching and learning or coaching programs that promote understanding of the relationship between the sciences and performance in physical activity and sport; use selected software and technology to enhance the teaching and learning or coaching programs that promote understanding of the relationship between the sciences and performance in physical activity and sport.

**Courses:** ED13, HL88 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

► **HMP383 SPORT STUDIES PROJECT (RUGBY)**

The project provides students with an opportunity to conduct a study, or to trial a novel coaching technique, administrative procedure, assessment method or other innovative practice in a sports setting. The project topic builds on prior knowledge and skills acquired in other units. It will be chosen and approved after discussion with an academic supervisor, and with the agreement of any participating organisation. Students will prepare a report on the project and its outcomes.

**Courses:** HM34 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

► **HMP385 SPORT PRACTICUM (RUGBY)**

In this unit, students undertake a practicum placement in an approved sports setting. The tasks undertaken as well as the practicum site will be determined by agreement between the student, the academic supervisor, and the practicum site supervisor. Placements are chosen so as to extend and broaden the professional experience students may already have had in sport; thus placements may be in a sport or activity other than the student's principal area. Students will communicate regularly with supervisors, maintain a diary and prepare reports on and evaluation

of the activities undertaken during the placement.

**Courses:** HM34

**Campus:** EXT

**Credit points:** 12

**Sem:** 1

► **HMP389 ASSESSMENT IN SPORT (RUGBY)**

This unit acquaints students with contemporary methods used in sports assessment, focusing on physiological and biomechanical measures. Students acquire practical skills in assessment methods. In addition, lectures provide an overview of the theoretical basis of different tests, as well as knowledge concerning the rationale for each assessment, its application and interpretation. Consideration is given to issues such as the suitability of assessment methods for various sports and populations, and the use made of test data for decision-making.

**Courses:** HM34

**Campus:** EXT

**Credit points:** 12

**Sem:** 2

► **HMP390 RUGBY COACHING - PRINCIPLES AND SKILLS**

In this unit, students examine the role of the rugby coach and critically examine all the elements of effective coaching. The unit consists of four modules: the history and culture of rugby; training and match applications; technical and tactical aspects based on player performance, maturation and experience; analysis and application of various coaching styles and methodologies. Students focus on a number of pertinent questions and activities designed to help students to clarify and consolidate the main points raised in the readings, and to stimulate critical reflection on related questions.

**Courses:** HM34

**Campus:** EXT

**Credit points:** 12

**Sem:** 1

► **IBB101 BUSINESS IN AUSTRALIA**

This unit introduces international students and students new to Australia to the business environment of Australia. Students examine historical, socio-cultural, geographical, economic, political and other factors and contemporary issues that impinge upon doing business in Australia. Learning activities include case studies, field studies and industry analysis. Generic skills addressed include teamwork, report writing and presentation skills.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF47, IF48, IF61

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB101

**Campus:** GP

**Sem:** 1, 2

► **IBB202 INTERNATIONAL BUSINESS DEVELOPMENT AND FINANCE**

In this unit, students analyse the way international operations and performance of business can be put at risk by changing financial and regulatory conditions across borders and determine how best to manage the exposure to this risk. This unit examines the following: the evolution of the international financial system; the foreign exchange market; the types of foreign exchange rate exposures; managing exchange; translation and consolidation risks; assessing foreign direct investment targets; comparing the performance of foreign affiliates; operations exposure to regulatory risk of tax; investment and competition policy changes; country risk assessment; managing country risk exposure.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** BSB119; and BSB113 or BSB122  
**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MIB202

**Campus:** GP

**Sem:** 1, 2

► **IBB205 CROSS-CULTURAL COMMUNICATION AND NEGOTIATION**

The course develops students' abilities to identify and resolve problems in cross-cultural communication or negotiation situations where cultural differences have created misunderstandings or undesirable or unexpected outcomes. It first explores the concept of 'national culture' by considering the work of major theorists of cultural value dimensions - from Hall to Schwartz. Students are encouraged to analyse communication/negotiation process issues in terms of these

value dimensions and to practise managing the process of communication/negotiation to improve their outcomes.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61

**Prerequisites:** BSB119; BSB116 for students who commenced prior to 2002

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB205

**Campus:** GP

**Sem:** 1, 2

► **IBB208 EUROPEAN BUSINESS DEVELOPMENT**

This unit focuses on the major factors involved in the development of European business practices, organisational structures and government/business relations. Topics covered include the following: demographic change; agriculture; trade and colonisation; transport and communications; financial institutions and capital accumulation; intellectual and religious movements; economic theories; the role of government; war and revolution; industrialisation; big business; the Great Depression; social change. Various countries will be used as case studies.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** BSB119

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB208

**Campus:** GP

**Sem:** 1

► **IBB210 EXPORT MANAGEMENT**

This unit presents students with information critical for the successful planning, organisation, implementation and control of export operations. The unit is highly applied and covers practical aspects of the production, dispatch and distribution of products for international markets. Specifically the unit addresses legal, documentary, physical and financial challenges to the delivery of goods and services, and to the assured receipt of payment in return for that delivery. The processes of planning, market analysis, information gathering, cooperative arrangements with government and other firms are all considered. Contemporary developments in technological applications and business practices are illustrated.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF61, IF62

**Prerequisites:** BSB119

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB210

**Campus:** GP

**Sem:** 1, 2

► **IBB213 INTERNATIONAL MARKETING**

The aim of this unit is to provide students with a thorough understanding of the multiplicity of issues that impact on the development of international marketing strategies and plans and their operational implementation. The unit is highly applied and provides students with the following opportunities: to analyse global international firms, their marketing strategies and various international marketing issues in a variety of geographic and industry contexts; to evaluate methodologies and new practices for handling problems and issues typical of global and international markets and competition; to develop an operationally sound international marketing plan.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62

**Prerequisites:** BSB119, BSB126; or BSB116

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB213

**Campus:** GP

**Sem:** 1, 2

► **IBB217 ASIAN BUSINESS DEVELOPMENT**

This unit gives students an understanding of the historical foundations of the development of business in East and South East Asia. Material presented includes the traditional economic and social institutions in Asia and their changing impact on business since East Asia's integration into the international economy. Topics studied will include the following: the evolution of local firms and firm structures; the impact of western business and economic influences; local ideology and development policies; the rapid growth of Northeast Asia, the Asian NICs and ASEAN. The changing impact of the international economy upon business development within selected

East Asian economies is a unifying theme of this unit.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** BSB119 or BSB116  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB200  
**Campus:** GP **Sem:** 1

#### ► IBB223 EMERGING TECHNOLOGIES AND INTERNATIONAL BUSINESS

Globalisation and technology innovation are accelerating at a pace that will make them even more important in the new century. The international business environment and business activities themselves are reshaped by new emerging technologies. This unit is designed to give students an understanding of how emerging technologies drive globalisation and how emerging technology becomes an asset for enterprises' global operations. Topics covered include the process of innovation, changes to the production paradigm, technology transfer and the management of emerging technologies.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF47, IF48, IF61  
**Prerequisites:** BSB119 or BSB116  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB223  
**Campus:** GP **Sem:** 1

#### ► IBB231 BUSINESS STUDY TOUR TO CHINA

This unit is designed to build strong links between theoretical learning and the practical application of students' business studies; they undertake a practical investigation of the issues pertaining to doing business in The People's Republic of China. Students stay at Suzhou University, receive lectures from Suzhou University staff on issues of culture and business practices in China, experience the local culture, and undertake a range of industry visits as well as receiving presentations by Chinese and foreign executives. Students are required to participate in activities both before and after the trip and to develop and present research projects relevant to their own program of study.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF47, IF48, IF61  
**Prerequisites:** BSB119 or completion of 48 credit points of approved coursework  
**Contact hours:** 5 Designated Seminars (3 hours each) and 16 days full-time participation in lectures and industry site visits in China.  
**Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► IBB232 BUSINESS STUDY TOUR TO INDIA

The unit is designed to build strong links between theoretical learning and practical application of students' business studies; they undertake a practical investigation of the issues pertaining to doing business in India. Students stay at the Management Development Institute (MDI) Delhi, receive lectures from MDI staff on issues of culture and business practices in India, experience the local culture, and undertake a range of industry visits as well as receiving presentations by Indian and foreign executives. Students are required to participate in activities both before and after the trip and to develop and present research projects relevant to their own program of study.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF47, IF48, IF61  
**Prerequisites:** BSB119  
**Contact hours:** 5 Designated seminars (3 hours each) and 10 days full-time participation in lectures and industry site visits in India  
**Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► IBB300 INTERNATIONAL BUSINESS STRATEGY

This unit aims to develop student competencies in the analysis of issues and problems encountered by international firms in the formulation and implementation of business strategies. The unit emphasises the connection between core competencies, strategy and corporate performance and uses case studies to analyse the strategic

behaviour of global companies. Issues examined include the following: the forms of international involvement and entry mode strategies; organisational structures, control and cultural diversity; multinational versus global competitive strategies; the formulation and implementation of strategies of international cooperation and strategic alliances; small and medium enterprise (SME) strategies to compete in global markets.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** IBB213 or IBB210  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSB300, MGB330  
**Campus:** GP **Sem:** 1, 2

#### ► IBB301 INSTITUTIONAL DEVELOPMENT & BUSINESS DYNAMICS

This unit explores the relationship between organisational capabilities and business environments in the global economy. It uses information-related theories to analyse the performances of institutional frameworks, including hierarchies, inter-firm structures, and co-operatives. The unit examines organisational forms used in the past to identify variables that influence structural designs today.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF47, IF48, IF61  
**Prerequisites:** IBB213 or IBB210  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► IBB303 INTERNATIONAL LOGISTICS

This unit examines international logistics through the concepts of international distribution channels and international supply chain management. Strategy in managing international logistical constraints is emphasised with practical studies of contemporary international supply chain management in international industries. Traditional costs and financial aspects of supply chain management are considered. Contemporary issues are incorporated including the following: the impact of e-business on international logistics; the evolution of new technologies for 'smart' packaging, warehousing and international stock control; the combination of international services with goods products; recent technological developments in international transportation and product quality control.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF47, IF48, IF61  
**Prerequisites:** IBB210  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB303  
**Campus:** GP **Sem:** 2

#### ► IBB304 GLOBAL INDUSTRY ANALYSIS

The aim of this unit is to analyse the nature and structure of industry in national and international contexts to provide a suitable framework that can be used by students in the study of specific industries. Topics examined include the following: inter-industry dependencies; international location advantages; regional and interregional linkages; demand analysis; international transactions in information, goods, services and other products; analysing strategies to control markets through price and product positioning, applying these principles to specific Australian industries conducting international business.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61  
**Prerequisites:** BSB113; IBB213 or IBB210  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MGB309, MIB212  
**Campus:** GP **Sem:** 1

#### ► IBB306 RISK MANAGEMENT IN INTERNATIONAL BUSINESS

This unit aims to develop student competencies in analysing risk management issues in national and international contexts and building a strong appreciation of managing the organisational uncertainty in the current global environment. It introduces conceptual and practical applications of risk management techniques used in private and public organisations by combining lectures with practical 'hands-on' workshops. The unit examines the following: conceptual bases of risk management; international, national and sub-

national regulatory frameworks; corporate risk management in international firms; business continuity planning; security risk management; emergency response planning; managing crises in organisations; participatory 'desktop' simulations of crisis decision making.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF47, IF48, IF61  
**Prerequisites:** IBB202 or IBB210 or 96 credit points of approved study  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► IBB308 CONTEMPORARY BUSINESS IN EUROPE

Building upon the historical understandings established in the prerequisite unit, this unit analyses contemporary issues relevant to business in Europe. Areas of study include the following: the growth of regional cooperation in Europe; business and regional cooperation; European Union policies and impacts; challenges of doing business in the emerging markets of Central and Eastern Europe. Case studies of contemporary business activities in Europe, including entry to European markets, will be used in the analysis.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62  
**Prerequisites:** IBB208 or MIB208 or 96 credit points of approved study  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB300  
**Campus:** GP **Sem:** 2

#### ► IBB311 GLOBALISATION AND THEORETICAL PERSPECTIVES ON INTERNATIONALISATION

This unit develops theoretical perspectives of the processes of globalisation and the internationalisation of business firms. It examines the globalisation debates, traces the evolution of international business theory, and provides a critique of the seminal theories. It provides an introduction to the process of research in international business. Aligned with the aims of the unit, students will develop and lead seminars and undertake a review of literature on theoretical and practical issues of globalisation and internationalisation.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61  
**Prerequisites:** BSB113, BSB122; and IBB213 or IBB210  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► IBB312 SPECIAL TOPIC - INTERNATIONAL BUSINESS

This is an 'open-ended' unit where the opportunity is available for staff and visiting scholars to offer a specialised program of study.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF47, IF48, IF61  
**Prerequisites:** IBB211  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB312  
**Campus:** GP **Sem:** 1, 2

#### ► IBB317 CONTEMPORARY BUSINESS IN ASIA

This unit gives students an understanding of the practical challenges of doing business in East Asia. It explains current cultural, social, institutional and regulatory factors that impact upon enterprises in Asia. The unit analyses business strategy, production and procurement, and distribution and marketing in select Asian markets. It addresses contemporary trends: market access; corporate governance; consumer demographics and tastes; the structure and competitiveness of local and foreign firms; integration of new business technologies; the rapid economic and legal reform taking place in East Asia.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF60, IF61, IF62  
**Prerequisites:** IBB217 or MIB200 or 96 credit points of approved study  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIB317  
**Campus:** GP **Sem:** 2

### ► IBB322 INDEPENDENT STUDY PROJECT - INTERNATIONAL BUSINESS

This unit enables students to pursue specific interests beyond the content offered in existing units. In this unit, students will undertake a guided course of study in an aspect of International Business approved by the Subject Area Co-ordinator and developed in consultation with an appointed supervisor. The unit may comprise, as established by a learning contract, guided readings, literature critiques, a research paper on a specific topic, or a project requiring application of theory to practice. The agreed format of assessment may include a literature review, a research paper, a plan of action, an oral or written examination, or a combination of a selection of these items of assessment.

**Courses:** BS56, IF05, IF09, IF28, IF30, IF47, IF48, IF61

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

### ► IBN400 INDUSTRY ANALYSIS

This unit provides students with a detailed understanding of the particular industry or industries within which their organisation operates. A sound understanding of the nature of an industry requires the development of appropriate conceptual, analytical and operational skills. This unit provides the framework in which these dimensions are developed and applied to industries selected by the students for their assignment.

**Courses:** BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSN400  
**Campus:** GP **Sem:** 1

### ► IBN403 BUSINESS IN ASIA

The aim of this unit is to enable an intensive study of business and markets in Asia. The development of the major industries is examined, together with major intra-regional patterns of trade, commerce and finance. Significant economic, political and social factors determining developments are focused upon, as well as regulatory restraints governing market access. The student is required to undertake a project that requires the application of knowledge of the region to a business issue.

**Courses:** BS39, BS63, BS92, BS93, GS40, GS75, GS85

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIN403  
**Campus:** GP **Sem:** 1, 2

### ► IBN404 BUSINESS IN EUROPE

This unit enables a more intensive study of business and markets in Europe. The development of the major industries is examined, together with intra-regional patterns of trade, commerce and finance. A particular focus is on the development of a single European market and its international implications. Economic, political and social factors determining developments are focused upon, as well as regulatory restraints governing market access. The student is required to undertake a project which requires the application of knowledge of the region to a business issue.

**Courses:** BS39, BS63, BS92, BS93, GS40, GS75, GS85

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIN404  
**Campus:** GP **Sem:** 1

### ► IBN408 GLOBAL BUSINESS OPERATIONS

This core unit examines the forces of globalisation, the diversity of international environments and their impact on business functions at the operational level. It examines the processes and challenges of internationalising the business operation as firms strive to compete successfully in the global marketplace. Areas of study include the growth of international business and globalisation, international business motives and forms, the nature and challenges of the diversity of environments, and managing and controlling business operations. An international business simulation game is used to facilitate the understanding of business as a system of integrated operations and environments.

**Courses:** BS39, BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

### ► IBN409 NEGOTIATING ACROSS BORDERS

This unit develops students' skills in negotiating intra- and inter-culturally. It provides students with a tool-box of negotiation skills and then explores the relationship between cultural value dimensions and negotiating behaviours. Students practise their negotiating skills with members of their own culture, in cross-cultural dyads and in multi-cultural teams to build confidence and capability in negotiating and influencing.

**Courses:** BS39, BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** GSN462  
**Campus:** GP **Sem:** 1, 2

### ► IBN410 INTERNATIONAL LOGISTICS MANAGEMENT

This unit presents an introduction to international logistics functions and develops a strategic approach to international business transactions and integration focusing on supply chain management. The unit introduces traditional and contemporary logistics concepts and describes international logistics operations including global transport systems, inventory management, materials handling, and information management. Global supply chain management cases and strategies are integrated throughout the unit.

**Courses:** BS39, BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

### ► IBN411 INTERNATIONAL BUSINESS FIELD STUDY

The unit involves a four-week visit to another country, preceded by five seminars and a guided readings component. During the visit, students receive lectures from local academics and briefings from managers working in the country. They participate in industry visits to local and international firms operating in that country. From these activities, students develop an understanding of the country in question and the issues, regulations and environmental factors affecting business operations or market entry.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 24  
**Campus:** GP **Sem:** 1, 2

### ► IBN412 INTERNATIONAL BUSINESS INTERNSHIP

Acceptance in IBN412 is dependent on the student securing a placement with an Australian or multinational organisation. The student undertakes the placement in a host organisation for a period of approximately sixteen weeks performing the role of an international business professional. The internship generally will take place in the later stages of the program after two semesters of class-based studies. The placement will be with an organisation in Australia or overseas. It is desirable that the placement is in a country other than the student's country of origin. The internship may be paid or unpaid.

**Courses:** BS93

**Campus:** GP **Credit points:** 48  
**Sem:** 1, 2

### ► IBN421 MARKETING INTERNATIONALLY

In this unit, students are exposed to the theoretical and planning aspects of marketing internationally. Through an applied approach, theoretical issues such as segmentation of international markets, life cycle, contingency and network approaches to international market entry choice, and market development and extension are addressed. Planning issues cover the strategic marketing processes involved, including international market research, and their application to regions and countries primarily in the Asia/Pacific region or Europe. Students are trained in the practical application of these theoretical and planning aspects through the development of an extensive international marketing plan.

**Courses:** BS63, BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIN421  
**Campus:** GP **Sem:** 1, 2

### ► IBN422 INDEPENDENT STUDY - INTERNATIONAL BUSINESS

This unit enables students to pursue specific interests beyond the content offered in existing units. In this unit, students undertake a guided course of study in an aspect of International Business approved prior to enrolment by the Subject Area Coordinator and developed in consultation with an appointed supervisor. The unit may comprise, as established by a learning contract, guided readings, literature critiques, a research paper on a specific topic, or a project requiring application of theory to practice. The agreed format of assessment may include a literature review, a research paper, a plan of action, an oral or written examination, or a combination of a selection of these items of assessment.

**Courses:** BS63, BS93

**Campus:** GP **Credit points:** 12  
**Sem:** 1, 2

### ► IBN426 SPECIAL TOPIC - INTERNATIONAL BUSINESS

This is an 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.

**Courses:** BS63, BS92, BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIN426  
**Campus:** GP **Sem:** 1, 2

### ► IBN431 INTERNATIONAL BUSINESS STUDY TOUR TO CHINA

The unit is designed round a two week study tour to China is intended to build strong links between theoretical learning and practical application of students' business studies. Students receive lectures from local academics on issues of culture and business practices in that country, experience the host culture, and undertake a range of industry visits. They also receive presentations by local and expatriate executives. Students are required to participate in activities both before and after the trip and to develop and present research projects relevant to their own program of study.

**Courses:** BS63, BS93

**Contact hours:** 5 designated seminars (3 hrs each). Full-time participation in lectures, briefings and industry site visits during study tour.

**Credit points:** 12

**Campus:** GP **Sem:** 1

### ► IBN432 INTERNATIONAL BUSINESS STUDY TOUR TO INDIA

The unit is designed to build strong links between theoretical learning and practical application of students' business studies; they undertake a practical investigation of the issues pertaining to doing business in a foreign country. Students receive lectures from local academics on issues of culture and business practices in that country, experience the host culture, and undertake a range of industry visits. They also receive presentations by local and expatriate executives. Students are required to participate in activities both before and after the trip and to develop and present research projects relevant to their own program of study.

**Courses:** BS63, BS93

**Contact hours:** 5 designated seminars (3 hrs each). Full-time participation in lectures, briefings and industry site visits during study tour.

**Credit points:** 12

**Campus:** GP **Sem:** 1

### ► IBN435 BUSINESS IN AUSTRALIA

This unit introduces students to the business environment in Australia. Students examine the geographical, historical, socio-cultural, political, regulatory, demographic, economic, legal, locational and other factors that have influenced, or still impinge upon, doing business in Australia in the current international environment. Learning activities include factory visits and industry analysis.

**Courses:** BS39, BS63, BS93, GS40, GS75, GS85

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MIN435  
**Campus:** GP **Sem:** 1, 2

**► IFN100 FULL-TIME MASTERS RESEARCH**

This unit provides full-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not fewer than 50,000 words and shall constitute a substantial contribution to knowledge and understanding in the area of the research.

**Courses:** JS52, LW52

**Credit points:** 48

**Campus:** GP, KG

**Sem:** 1, 2

**► IFN101 FULL-TIME MASTERS RESEARCH (EXTENSION)**

This unit provides full-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not fewer than 50,000 words and shall constitute a substantial contribution to knowledge and understanding in the area of the research.

**Courses:** JS52, LW52

**Credit points:** 48

**Campus:** GP, KG

**Sem:** 1, 2

**► IFN200 PART-TIME MASTERS RESEARCH**

This unit provides part-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not fewer than 50,000 words and shall constitute a substantial contribution to knowledge and understanding in the area of research.

**Courses:** JS52, LW52

**Credit points:** 24

**Campus:** GP, KG

**Sem:** 1, 2

**► IFN201 PART-TIME MASTERS RESEARCH (EXTENSION)**

This unit provides part-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not fewer than 50,000 words and shall constitute a substantial contribution to knowledge and understanding in the area of research.

**Courses:** LW52, JS52

**Credit points:** 24

**Campus:** GP, KG

**Sem:** 1, 2

**► ITB111 SOFTWARE DEVELOPMENT 1**

All Information Technology students need a fundamental knowledge of programming and an understanding of the processes and issues involved in the software development life cycle. Although not all Information Technology graduates will become programmers, all Information Technology professionals will be required to work with programmers at some time in their careers. Therefore students need to understand the constraints that arise in the process of software development. This unit provides students with a basis for the ongoing development of their programming knowledge and is a prerequisite for the unit Software Development 2.

**Courses:** IT21, IF29, IF38, IF48, IF58, IF59, IF90, IX09

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** ITB410

**Campus:** CA, GP

**Sem:** 1, 2

**► ITB112 SOFTWARE DEVELOPMENT 2**

Software Development 2 builds on the unit Software Development 1 to the entry level needed by all majors. The unit prepares students for the further stage of Software Development 3 in the Software Engineering and Data Communications majors. Since successful software development relies on the re-use of one's own code and of 'third party' software libraries, Software Development 2 extends programming skills in more complex environments while actually doing less coding and relying more upon re-use. Thus this unit prepares students for future programming units in any major involving sophisticated data structures, industry standard 3GL languages, or large-scale software engineering.

**Courses:** IT21, IF29, IF38, IF58, IF59, IF90

**Prerequisites:** ITB111

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** ITB411

**Campus:** GP

**Sem:** 1, 2

**► ITB113 SYSTEMS ARCHITECTURE**

Computer systems are fundamental to the activities of modern organisations. Hence all students

graduating from a course in Information Technology will be expected by employers to have a firm understanding of the terminology and concepts of computer systems, communications networks and systems software. This unit introduces students to these topics. This unit also serves as an entry point to further specialised studies in the fields of data communications and software engineering.

**Courses:** IT21, IF29, IF38, IF48, IF58, IF90, IX09

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** ITB412

**Campus:** CA, GP

**Sem:** 1, 2

**► ITB114 NETWORKING SYSTEMS**

Computer systems and communications networks are essential to the activities of modern organisations. When students graduate from a course in Information Technology, employers expect them to have a sound understanding of the terminology and concepts of computer systems, communications networks and systems software. This unit provides students with an introductory study of communications network technologies, network operating systems, network administration and management, network applications and network security. The unit also serves as an entry point to further specialised studies in the fields of data communications and information systems security and software engineering. ITB114 is also offered at CA campus in Semester 2, 2004.

**Courses:** IT21, IF29, IF38, IF58, IF59, IF90, IX09

**Prerequisites:** ITB113

**Contact hours:** 4 per week

**Credit points:** 12

**Incompatible with:** ITB510

**Campus:** GP

**Sem:** 1, 2

**► ITB115 INTRODUCTION TO DATABASES**

In this unit, students will learn the following: basic database concepts and terminology; the creation and modification of a relational database schema using SQL; the retrieval and modification of the contents of a relational database using SQL; and the development of a database system in Access (a database management program). Students will also develop an understanding of the basics of designing user-interfaces, 3-level architecture, integrity constraints, security and privacy issues, and transaction processing.

**Courses:** IT21, IF29, IF38, IF48, IF58, IF79, IF90, IX09

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** ITB225

**Campus:** CA, GP

**Sem:** 1, 2

**► ITB116 IT PROFESSIONAL STUDIES 1**

This unit introduces students to the professional skills required by industry of IT graduates. Using a contextualised IT project as a vehicle, students acquire skills in basic project management leading to the creative design and construction of a Web site. Skill development in this unit focuses on ethical and professional practices, team work, analytical and technical skills, information literacy, and oral, written and visual communication. In addition, the unit assists students to understand themselves as team members and as self-directed learners by providing effective strategies in each of these domains.

**Courses:** IT21, IF38, IF48, IF79, IF90, IX09

**Contact hours:** 4 per week

**Credit points:** 12

**Incompatible with:** ITB310

**Campus:** CA, GP

**Sem:** 1, 2

**► ITB117 IT PROFESSIONAL STUDIES 2**

This unit builds upon the content delivered in ITB116. Interwoven with building a web based software product, students continue to develop further skills in team work and a better understanding of group dynamics. Each product is formally presented and has appropriate documentation. Thus, this unit extends skills in report writing, oral and visual communication and teamwork. ITB117 is also offered at CA campus in Semester 1, 2005.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB115, ITB116

**Contact hours:** 4 per week

**Credit points:** 12

**Incompatible with:** KWB010

**Campus:** GP

**Sem:** 1, 2

**► ITB118 ICT SYSTEMS LIFE CYCLE**

In this unit, students are introduced to the organisational and social contexts of Information Communication and Technology Systems. The life cycle of such systems (that is the series of stages that the system passes through from the beginning to the end of its useful life), and the roles of all the participants in that life cycle are explored. The impact that the development of systems has on an organisation and the importance of analysis of risks involved in the Systems Life Cycle are addressed. Systems architectures and alternative approaches to the development of systems are considered.

**Courses:** IT21, IF29, IF38, IF48, IF58, IF79, IF90, IX09

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** ITB107

**Campus:** GP

**Sem:** 1, 2

**► ITB161 INFORMATION SECURITY FOR IT PROFESSIONALS**

Enterprises now acknowledge their continued survival depends on information technology services. For businesses of any size, the major risks are IT-based. Planning and executing any activity, legitimate or not, is difficult without IT services. Nationally and globally, governments recognise this central role of IT and are intensifying efforts to enforce good 'IT governance' ie ensuring the IT infrastructure complies with regulations while promoting enterprise goals. Consequently, even beginners in the IT profession are expected to understand the role of IT and security in IT service provision, and they should be able to discuss the elements of its practice. This unit enables students to recognise information security problems typically encountered in professional life.

**Courses:** IT21

**Prerequisites:** ITB113, ITB114, ITB115

**Contact hours:** 3 per week

**Incompatible with:** ITB623, ITB523, ITB543

**Campus:** GP

**Sem:** 1, 2

**► ITB218 APPLICATIONS PROGRAMMING**

Rapid Application Development (RAD) tools are increasingly dominating the development of commercial applications. This unit introduces students to development methods for commercial information systems, the principles of using structured design techniques and the implementation of such systems using Object Oriented Event Driven Programming (OOED) using Visual Basic.Net (VB.Net), a programming environment that is used extensively in industry. VB.Net is the latest development of the Visual Basic Programming language with complete Object Oriented Programming environment using Common Language Runtime. IT graduates are required to understand these new developments, in relation to implementing rapid, appropriate, and timely business applications in organisations.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB111, ITB115

**Contact hours:** 4 per week

**Credit points:** 12

**Incompatible with:** ITB219, ITN218

**Campus:** GP

**Sem:** 1, 2

**► ITB222 BUSINESS SYSTEMS ANALYSIS**

This unit offers current conceptual approaches to dealing with complexity in the development of enterprise application systems. It focuses on functional and non-functional requirements elicitation, analysis object modelling, dynamic modelling, layered architecture design, object model design, GoF patterns, and the mapping of object models to code. Emphasis is placed on the practical application of techniques to real-world problems.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB111 or ITN600

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

**► ITB223 4GL SYSTEMS**

This unit includes the following: characteristics of 4GL development environments; database creation and manipulation in a 4GL environment; principles of report and screen design; development of information systems.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB229**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2**► ITB227 WEB APPLICATIONS**

This unit includes the following: design elements for interactive Web front ends; architecture of Web-enabled database applications; database design for Web-enabled database applications. Working as part of a team, students develop a fully functional dynamic Web application.

**Courses:** IT21, IF38, IF48**Prerequisites:** ITB115, ITB117**Contact hours:** 3 per week **Credit points:** 12**Incompatible with:** ITB823**Campus:** GP **Sem:** 1, 2**► ITB228 ENTERPRISE SYSTEMS**

This unit introduces a type of large-packaged software application named Enterprise Systems. After the successful completion of the unit, students have a comprehensive understanding of the following: ES Management; technical Architecture of SAP R/3 as an exemplar Enterprise System; a process walk through functional boundaries (spanning FI,MM,PP,CO) IV) the ES Lifecycle; implementation processes; implementation issues; integration with other systems (legacy and specialist); systems evolution; case study critique; future of enterprise systems.

**Courses:** IT21, IF38, IF48**Prerequisites:** ITB116**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1, 2**► ITB229 INFORMATION SYSTEMS MODELLING**

In this unit, students consider the analysis of an information model: the static, transition, process and computational views of information; ORM notation and application; Z notation and application; developing the model; the relationship of these skills with other popular and/or proprietary methods such as ER. Practical application is to a range of small to large problems.

**Courses:** IT21, IF38, IF48**Prerequisites:** ITB115**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1, 2**► ITB230 PROJECT**

This unit includes the following: systems analysis, design and implementation; testing; documentation; communication of results; management of time and resources.

**Courses:** IF38, IT21**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1, 2**► ITB232 DATABASE SYSTEMS**

The unit introduces the theoretical foundations of databases and system implementation techniques, and gives an overview of emerging database technologies and applications. More specifically, it covers the following: file organisations and storage; query processing and optimisation; practical database design and tuning; transaction management; database security and authorization; enhanced data models for advanced applications.

**Courses:** IT21, IF48, IT40, IT35, IT45, IT38**Prerequisites:** Undergraduate: ITB115; Post-graduate: ITN200**Contact hours:** 3 per week **Credit points:** 12**Incompatible with:** ITN232**Campus:** GP **Sem:** 1, 2**► ITB233 ENTERPRISE SYSTEMS APPLICATIONS**

This unit presents an introduction to Enterprise Systems (SAP will be used as an example of an Enterprise System) with a focus on the core modules within these integrated systems. Core modules are: financial accounting (FI); cost management (CO); materials management (MM); sales and distribution (SD); production planning and control (PP); human resources (HR). The unit provides an overview of the business use of these components, their functionality, and the integration of them within Enterprise Systems.

**Courses:** IT21, IF38**Prerequisites:** IT students: ITB228; Business students: BSB112; Engineering students: BNB007**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1, 2**► ITB236 OBJECT-ORIENTED ANALYSIS AND DESIGN**

This unit focuses on both the static and the dynamic aspects of the Object Model which are required in order to develop enterprise application systems. Object-oriented methodologies and methods are reviewed in order for the student to acquire some understanding of formal system's development. Design issues are then introduced. These cover object design, layered architecture design, patterns solutions, persistence, and the mapping of models to code. Students are required to complete projects using these techniques.

**Courses:** IT21, IF48, IT40, IT35, IT45, IT38**Prerequisites:** Undergraduate: ITB111; Post-graduate: ITN600**Contact hours:** 3 per week **Credit points:** 12**Incompatible with:** ITN236**Campus:** GP **Sem:** 1, 2**► ITB237 ADVANCED DATABASES**

In this unit students learn SQL-2003 advanced data definition features, including user-defined data types, inherited tables, and recursive views and triggers. In the area of data manipulation, students learn advanced functions and expressions, advanced predicates, SQL routines, embedded SQL and SQLJ, and advanced transaction management. With Microsoft Access, students learn about the theory and practice of OLE DB, ADO and VBA including the construction of Access Projects (ADPs) that allow Microsoft Access to be used at front-end to SQL Server. (This is subject to final approval)

**Courses:** IT21**Prerequisites:** ITB111, ITB115**Contact hours:** 3 per week **Credit points:** 12**Sem:** 2**► ITB239 ENTERPRISE DATA MINING**

This unit teaches the concepts of data and web mining to improve the effectiveness of better and faster decision making, and to discover and leverage the knowledge on the Web. This unit first covers a detailed overview of the data mining process and techniques, and then concentrates on applications of these techniques to web, e-commerce, document databases, and data from advanced applications. This unit is designed to allow students to develop skills related to intelligent data querying and management to support decision support systems through a widely used commercial tool.

**Prerequisites:** ITB115**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1**► ITB240 PROJECT (INFORMATION SYSTEMS)**

This unit includes the following: systems analysis, design and implementation; testing; documentation; communication of results; management of time and resources.

**Courses:** IT21, IF38, IF48**Contact hours:** 3 per week for Weeks 1 and 2, thereafter by arrangement with Supervisor**Credit points:** 12**Campus:** GP **Sem:** 1, 2**► ITB241 INFORMATION TECHNOLOGY MANAGEMENT**

This unit includes the following: system selection processes; business process in IT; change management; implementation issues; project management; strategic IT; outsourcing; enterprise wide systems and e-business; disaster recovery planning.

**Courses:** IT21, IF38, IF48**Prerequisites:** ITB118**Contact hours:** 3 per week **Credit points:** 12**Incompatible with:** KWB010**Campus:** GP **Sem:** 1, 2**► ITB245 R/3 SYSTEMS ADMINISTRATION**

R/3 is a fully integrated, off the shelf, open, client/server software system designed to manage all the business information needs of large enterprises. The efficient functioning of an enterprise utilising R/3 can be directly related to the efficient functioning of the R/3 system. As it is the

system administrator's responsibility to ensure the efficient functioning of the R/3 system, this unit provides a practical introduction to the essential tasks of the R/3 systems administrator.

**Courses:** IT21**Prerequisites:** ITB245**Contact hours:** 3 per week **Credit points:** 12**Incompatible with:** ITN245**Campus:** GP **Sem:** 1**► ITB254 INTERACTIVITY DESIGN**

This unit includes the following: introduction to interactivity design and the usability engineering lifecycle; human cognition and perception and their effect on user interactivity; introduction to contextual analyses; the usability engineering life cycle; usability goal setting; planning and carrying out evaluation of interface designs; structured interactivity design methods; guidelines and standards for interface design; testing and evaluation interface designs; basics of support printed manuals, demonstration and discussion of prototypes; summary and review.

**Courses:** IT21, IT40, IT35, IT45, IT38**Prerequisites:** IT21: ITB227; IT40, IT35, IT45, IT38: ITN227 or permission of Unit Coordinator**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 2**► ITB257 MULTIMEDIA SYSTEMS**

This unit includes the following: multimedia authoring; cognitive aspects of multimedia; the media elements; still images, vector images and text; video and animation; sound (wave form, MIDI, voice); compression and transmission of multimedia; hypermedia; client/server considerations for multimedia delivery; programming development for multimedia; combining media; the future in multimedia.

**Courses:** IT21, IF48**Prerequisites:** ITB227**Contact hours:** 3 per week **Credit points:** 12**Incompatible with:** ITN257**Campus:** GP **Sem:** 1, 2**► ITB258 ABAP PROGRAMMING**

This unit includes the following: characteristics and features of the ABAP Workbench environment; ABAP data modelling tools; ABAP language basics; principles of report and screen design; development of reports and dialogue screens in ABAP; coding transactions in ABAP.

**Courses:** IT21, IT40, IT35, IT45, IT38**Prerequisites:** IT21: ITB218 or knowledge of SQL; IT40, IT35, IT45, IT38: ITN223**Contact hours:** 3 per week **Credit points:** 12**Incompatible with:** ITN258, ITN281**Campus:** GP **Sem:** 2**► ITB259 ADVANCED MULTIMEDIA TECHNOLOGIES**

This unit assumes students have an understanding of multimedia technologies, and focuses on integrating and enhancing their knowledge and skill. Students will design and develop a sophisticated product utilising at least a few of the following: cognitive aspects of multimedia; human-computer interaction; media elements; 3D and virtual reality; compression and transmission of multimedia; client/server considerations for multimedia delivery; development frameworks for multimedia; the future of multimedia.

**Courses:** IT21 **Prerequisites:** ITB227, ITB257**Contact hours:** 3 per week **Credit points:** 12**Incompatible with:** ITN259**Campus:** GP **Sem:** 1, 2**► ITB260 E-COMMERCE SITE DEVELOPMENT**

This unit presents the aims of an electronic commerce site: the business objectives; issues in a site: design, software, databases, payment, staffing, hosting and maintenance; applications development over the Internet; producing and evaluating site quality.

**Courses:** IT21, IF38**Prerequisites:** ITB227 or ITB524**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1, 2**► ITB262 E-COMMERCE TECHNOLOGIES**

This unit provides an introduction to some of the information technologies being used to support electronic commerce. It will cover Java-based

technologies, including JDBC, servlets, and Java Server Pages, and XML-based technologies, including XSL. The unit will also cover a number of applications of electronic commerce, including electronic services and auctions.

**Courses:** IT21, IF38

**Prerequisites:** ITB115, ITB111

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► ITB263 WEB INTELLIGENCE FOR E-COMMERCE

This unit includes the following: the notions of agency; a taxonomy of intelligent agents; agent communication languages; the Belief-Desire-Intention agent model; web-based intelligent information agents; agent-mediated electronic-commerce; collaborative filtering in Recommender systems; data mining methods for web content analysis; statistical approaches for web users' profiling; automated negotiation in electronic market-places.

**Courses:** IT21, IF38

**Prerequisites:** ITB112

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► ITB264 INFORMATION SYSTEMS CONSULTING

This unit examines the strategic and operational environment of an IS consulting firm. It looks at the lifecycle of an IS consulting engagement and the issues and practices involved at each stage of that lifecycle. The IS consulting marketplace is appraised to give students a better understanding of the role and management of consultants within the sector. A team-based simulation exercise of the consultant engagement process is a central feature of this unit.

**Courses:** IT21, IF38, IF48, IT40, IT35, IT45, IT38

**Prerequisites:** Undergraduate: ITB117; IT40, IT35, IT45, IT38; ITN241

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► ITB266 PRINCIPLES OF INFORMATION MANAGEMENT

After characterisation of information management (IM) at three levels of interpretation: technical, analytical and strategic, this unit focuses on the IM activities and elements in the technical and analytical domains. The continuum of information utilisation at the operational level involving creation, distribution, organisation, retrieval, presentation and disposition is explored at the technical level. Meta-information standards for information management such as protocols for markup, transfer, organisation and query are also examined. The examination of analytical information management activities focuses on identification and evaluation of organisational information resources.

**Courses:** IT21

**Prerequisites:** ITB116

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► ITB267 DATA WAREHOUSING FOR DECISION SUPPORT

Rapid advancements in the field of commerce, particularly the emergence of flexible storage media and the Internet as an exchange and delivery channel, have led to an explosion in the quantity and quality of various types of data. The availability of massive amounts of data in electronic form, and the demand for better and faster decisions has made the role of data driven intelligence central in organisations. Information Technology graduates are required to understand these trends and novel developments in data-driven decision support systems, so they can facilitate efficient and accurate business decisions. This unit addresses this need.

**Courses:** IT21, IF38, IF48, IT40, IT35, IT45, IT38

**Prerequisites:** Undergraduate: ITB115, ITB232; IT40, IT35, IT45, IT38; ITN223

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITB242

**Campus:** GP **Sem:** 1, 2

#### ► ITB272 INFORMATION TECHNOLOGY PROJECT MANAGEMENT

This unit includes: project coping; IT project success criteria; organisational cultures; group

dynamics and communication within teams; risk assessment; quality management; project scheduling/metrics and contingency planning.

**Courses:** IT21, IF38, IF48

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► ITB318 INFORMATION ORGANISATION 2

This project-based unit encompasses the planning and implementation of improved resources and information services to a user community. It requires the investigation of the information needs of a particular community, development of a proposal to address those needs, and the creation of an information product including instructional procedures for use of the product.

**Courses:** IT70

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ITB322 INFORMATION RESOURCES

This unit introduces students to the role that information has in establishing competitive success within business. The unit introduces students to the many and varied information resources available. Students develop skills in identifying, accessing, evaluating and retrieving information resources to meet specific information needs. Students are also introduced to the emerging and evolving role of the information professional and the information service within the corporate setting. The unit helps students develop skills in teamwork and oral and written communication. Enrolments from outside the Faculty of Information Technology are encouraged.

**Courses:** IT21, IF38, IF48

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► ITB330 INFORMATION ISSUES

The unit examines trends in the information society where emerging relevant technologies allow considerable power to individuals, companies and governments in acquiring, processing, storing, disseminating, and using information. These changes also underscore the need for greater understanding of where and how IT (and other) information professionals are expected to formulate and exercise appropriate standards of professionalism and ethical conduct. Learning content relates to contemporary issues linked to the professional Codes of the Australian Computing Society, the Australian Library & Information Society, and similar professional bodies.

**Courses:** IT21, IF38, IF48

**Prerequisites:** ITB116

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITN330

**Campus:** GP **Sem:** 1

#### ► ITB341 STRATEGIC INFORMATION AND KNOWLEDGE MANAGEMENT

The course attempts to describe the major approaches and the practical techniques that students are likely to encounter in formulating and implementing information and knowledge based strategic plans in a typical business organisation within a competitive environment. Students are guided systematically in acquiring the analytical and managerial skills required to develop information and knowledge based strategic plans aligned with organisational strategies, with a view to achieving organisational goals. The unit also deals with functions and practices of management that relate to the provision of information and knowledge services, and the utilisation of technology to support them.

**Courses:** IT21

**Prerequisites:** ITB116 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► ITB610 SOFTWARE DEVELOPMENT 3

Students continue to develop abstraction and disciplined programming, and use typical tools for the production and maintenance of large systems. Study of (key-indexed) table implementations is extended from the pre-requisite unit by examining advanced implementations. Students are introduced to the graph abstraction and its implementation and common algorithms are considered. Students become fully equipped (except for sufficient experience) to produce medium-scale systems in any modern program-

ming language. Software engineering and object-oriented techniques are introduced but in-depth study is left to their specific units.

**Courses:** IT21

**Prerequisites:** ITB112

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITB421

**Campus:** GP **Sem:** 1, 2

#### ► ITB611 OBJECT TECHNOLOGY

This is a core unit in the Software Engineering major. Object technology is the predominant approach used to develop most new software systems. As graduates from a course in Information Technology, students will be expected by employers to be able to apply object technology effectively. This unit introduces students to the breadth of object-oriented concepts. Emphasis is placed on using object technology to solve complex problems.

**Courses:** IT21

**Prerequisites:** ITB610 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITB448, ITN415, ITN661

**Campus:** GP **Sem:** 1, 2

#### ► ITB612 SOFTWARE ENGINEERING PRINCIPLES

This is a core unit in the Software Engineering major. Software development in the Information Technology industry is centred on the professional team. Furthermore, there is an established awareness of the importance of a disciplined approach to software engineering. This unit places emphasis on the benefits provided by a controlled software engineering process and effective teamwork both through lectures and through small group project work.

**Courses:** IT21, IF29, IF58, IF59, IF79, IF90

**Prerequisites:** ITB112

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITB424

**Campus:** GP **Sem:** 1, 2

#### ► ITB613 ADVANCED PROGRAMMING LABORATORY

The development of large software systems has been changed markedly by the impact of software engineering processes. Students graduating from a course in Information Technology require knowledge of software engineering processes, software development and programming skills to be able to effectively develop software systems. This unit allows students to apply their knowledge in these areas to a large real world project.

**Courses:** IT21, IF29, IF58, IF59

**Prerequisites:** ITB612, ITB611

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITB432

**Campus:** GP **Sem:** 1, 2

#### ► ITB614 PROGRAMMING LANGUAGES

In this unit, students learn about functional programming languages. Functional languages tend to contain more advanced/high level programming language constructs (such as higher order type systems and polymorphism) than imperative languages and so introduces students to a whole range of new programming language capabilities. Many of these advanced features are finding their way into more mainstream (imperative) programming languages, so understanding them now will position students well as software engineers of the future. The two facets of the unit are brought together by showing how functional languages can be used effectively to code language processing tasks.

**Courses:** IT21, IF59

**Prerequisites:** ITB112

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITB433

**Campus:** GP **Sem:** 1, 2

#### ► ITB616 COMPUTER ARCHITECTURE

This unit forms part of the core of the Software Engineering major of the BIT degree. The unit continues the investigation of the architecture of computer systems and the system software from the prerequisite unit ITB113. Programming at the assembly language level is used to provide a practical approach to understanding the interaction between components of a computer system. Material covered in the unit includes a comparison of different CPU designs and an introduction to digital circuit design and different computing architectures.



**Courses:** IT21, IF29, IF59

**Prerequisites:** ITB113

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB420

**Campus:** CA, GP

**Sem:** 1, 2

### ► ITB617 CONCURRENT AND DISTRIBUTED SYSTEMS

This unit covers the concepts, structure and mechanisms of modern day operating systems. Central to an operating system are processes that work concurrently to perform system and user tasks. This idea of concurrency is studied in detail in this unit. It also looks at distributed systems and software (middleware) that are required to support distributed applications. Completion of this unit enables students to undertake the final year operating system elective (UNIX Systems Programming and Administration).

**Courses:** IT21, IF59

**Prerequisites:** ITB113, ITB610

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB427

**Campus:** GP

**Sem:** 1, 2

### ► ITB624 INTERNETWORKING

Networks based on the TCP/IP Protocols are the framework for most user networking activities today. Students wishing to specialise in data communications need a solid grounding in these protocols and their related elements. This unit helps students understand the fundamental concepts, processes and operations involved in networking, and also provides a platform for them to undertake other studies in data communication.

**Courses:** IT21, IF29, IF58, IF59, IF90

**Prerequisites:** ITB114

**Contact hours:** 3.5 per week **Credit points:** 12

**Incompatible with:** ITB524, ITN524

**Campus:** GP

**Sem:** 1, 2

### ► ITB625 NETWORK ADMINISTRATION

Data Communications graduates are expected to possess practical skills in various aspects of the installation and management of communications systems, particularly local area networks. This advanced-level unit builds on students' prior knowledge of TCP/IP protocols, networking technologies, operating systems and PC hardware.

**Courses:** IT21

**Prerequisites:** ITB624

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB525, ITB535

**Campus:** GP

**Sem:** 1, 2

### ► ITB626 MANAGEMENT OF NETWORK SYSTEMS

Network Management is vital to the overall control and operation of computer networks and their interconnection on a local, national and global basis. This unit helps students acquire the skills to build integrated management systems, adapt policies to a diverse networking environment, and evaluate current industry standards.

**Courses:** IT21

**Prerequisites:** ITB625

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB565

**Campus:** GP

**Sem:** 1, 2

### ► ITB627 NETWORK TECHNOLOGIES

The Data Communications graduate must have a deep knowledge of the operation of the various network components and protocols. The Data Communications graduate must also understand that the choice of different network technologies may have a substantial effect on the overlying applications. This unit gives students a detailed view of how different network technologies work and perform in today's networks.

**Courses:** IT21

**Prerequisites:** ITB114, MAB209, or MAB177

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB527, ITN527, ITB538

**Campus:** GP

**Sem:** 1, 2

### ► ITB628 NETWORK PLANNING

Data Communications graduates will often be required to plan either new networks or the upgrading of existing networks. This advanced level unit exposes students to methodologies and procedures which are useful in addressing the issues involved in network planning. The unit builds on previously acquired skills and knowledge relating to data communications.

**Courses:** IT21

**Prerequisites:** ITB627

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** ITB551

**Campus:** GP

**Sem:** 1, 2

### ► ITB629 NETWORK SERVICES

Graduates in software engineering and data communications require an understanding of the theoretical and practical concepts of network services and communication. This unit introduces students to the design, implementation and operation of network based applications. Students gain experience with distributed data and intranet client server applications. This unit assumes students have a basic understanding of networking issues and a good understanding of programming concepts. Theory and practical skills taught in this unit will be useful if students intend studying advanced Data Communications units.

**Courses:** IT21 **Prerequisites:** ITB112, ITB624

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB529

**Campus:** CA, GP

**Sem:** 1, 2

### ► ITB640 ARTIFICIAL INTELLIGENCE

An unprecedented wealth of scientific, medical, demographic and financial data is being generated. Human attention has become a precious resource. So, we must find ways to automatically analyse, classify and summarize data. There is also a need to develop adaptive and autonomous systems capable of performing dangerous or tedious tasks. This unit introduces the methods and tools needed to achieve computational intelligence. This body of knowledge is becoming a prominent part of the culture of the information technology professional.

**Courses:** IT21 **Prerequisites:** ITB112, MAB209

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB442, ITB463, ITN445, ITB461, ITN461

**Campus:** GP

**Sem:** 2

### ► ITB641 COMPONENT AND NETWORK APPLICATIONS

Creating software systems using off-the-shelf software components will form a significant part of software engineering in the future. Component technology serves as the enabling technology for this approach, and any significant system will require network communication to support distributed interaction between software components. This unit covers both component technology and networking in component software applications. It builds on more general knowledge of software development and engineering. This unit is an elective in the Software Engineering major, and the Electronic Commerce & Emerging Technologies major.

**Courses:** IT21

**Prerequisites:** ITB611

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** ITB466, ITB564

**Campus:** GP

**Sem:** 1

### ► ITB642 WEB APPLICATION DEVELOPMENT

The World Wide Web has become the most important computer system. However designing software for the web is rather different from that for stand alone PC applications. This unit provides students with a high level understanding of the structure of web based systems and the technologies used to develop them. By looking at how these technologies have evolved, students are in a better position to comprehend and critically evaluate future web technology offerings.

**Courses:** IT21

**Prerequisites:** ITB611

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB471

**Campus:** GP

**Sem:** 2

### ► ITB643 UNIX SYSTEMS PROGRAMMING

The UNIX operating system is regarded as one of the most powerful, versatile, and flexible operating systems in the computer world. Its popularity is due to many factors, including its ability to run in a wide variety of machines, from micros to supercomputers. This unit introduces you to the programming and system administration of the UNIX operating system.

**Courses:** IT21

**Prerequisites:** ITB617

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB469

**Campus:** GP

**Sem:** 1

### ► ITB644 WINDOWS ADMINISTRATION

Computer Systems in organisations, large and small, consist of workstations connected by a local area network. Organisations have become dependent on the effective and efficient operation of such complex computer systems. The administration of networked computer systems consisting of system configuration, operation, maintenance and optimisation is often entrusted to information technology professionals. The Microsoft Windows server operating system is being widely adopted as a network operating system. This unit provides the necessary technical background for effective administration of networked computer systems using Windows Server software. Hands-on laboratory practice is an essential part of this elective unit.

**Courses:** IT21

**Prerequisites:** ITB617

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB533, ITB457 & ITB470

**Campus:** GP

**Sem:** 2

### ► ITB645 NETWORK SECURITY

IT graduates working in the security industry need to have an understanding of networks and network security, particularly in regard to the commercial applications on the Internet. This unit builds on foundations laid in Data Security and gives a comprehensive coverage of the management issues, risks, and security technologies associated with electronic payment systems and electronic commerce.

**Courses:** IT21

**Prerequisites:** ITB623, ITB624, MAB209

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB569

**Campus:** GP

**Sem:** 2

### ► ITB646 CRYPTOGRAPHIC FUNDAMENTALS

As an IT professional, students may be required to either evaluate or implement network security procedures. As cryptographic techniques are widely used to implement network security, students need to understand the mathematical concepts underlying IT security. These concepts, presented in this unit, include cryptology, classical ciphers, modern ciphers and the applications of cryptology.

**Courses:** IT21

**Prerequisites:** MAB209 or MAB177

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB548, ITB566, ITN566, ITN512, ITN581

**Campus:** GP

**Sem:** 1

### ► ITB647 ADVANCED PROGRAMMING TECHNOLOGY

This elective unit is designed to complement earlier basic programming units to enhance students' abilities to cope with more advanced programming techniques and technologies. This will increase their effectiveness and value as programmers and endow them with a more well-rounded skill set that will differentiate students as professionals or experts rather than beginners.

**Courses:** IT21

**Prerequisites:** ITB111, ITB112 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► ITB648 GRAPHICS

As processing power increases so does the expectation for more sophisticated visual representation in such areas as advertising, CAD systems, simulators, digital entertainment and virtual reality. This unit introduces the basics of 3D computer graphics in a way that allows the understanding of how a synthesised 3D environment can be represented, manipulated and subsequently generated onto screen.

**Courses:** IT21

**Prerequisites:** ITB610

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB441

**Campus:** GP

**Sem:** 2

### ► ITB649 OBJECT MODELLING FOR GAMES DESIGN

This is a core unit in the double degree, IF90, and an elective unit in the BIT degree. Object modelling techniques are fundamental to any real time 3D animation system, whether it be used for

gaming, simulation, film or virtual reality. Traditionally animation includes such techniques as keyframe and kinematics. With the increased CPU power and the incorporation of a GPU (graphics processing unit) the ability to animate objects in real time is allowing more sophisticated interaction and the exhibition of the merger of games/simulation and film.

**Courses:** IT21, IF90

**Prerequisites:** ITB648, ITB611

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB460, ITN460

**Campus:** GP

**Sem:** 1

#### ► ITB650 COMPUTATIONAL INTELLIGENCE

Modern computer controlled machinery is expected to relieve human operators from routine control actions, operating decisions, failure diagnostics, and maintenance operations. Computational Intelligence methods are an important element in the achievement of this goal. This unit introduces the four main methods from the field of computational intelligence and relates them to applications on real time control and embedded systems. The unit assists students in writing software that uses sensor information for controlling purposeful actions of machines.

**Courses:** IT21 **Contact hours:** 3 per week

**Credit points:** 12 **Incompatible with:** ITB849

**Campus:** GP

**Sem:** 1

#### ► ITB651 PROJECT 1

Students graduating from a course in Information Technology are expected by employers to be able to complete, on time, a medium size programming project. This project unit allows you to further develop your software development skills and put into practice the knowledge acquired in more theoretical units.

**Courses:** IT21 **Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** ITB447, ITB576

**Campus:** GP

**Sem:** 1, 2

#### ► ITB652 PROJECT 2

Students graduating from a course in Information Technology are expected by employers to be able to complete, on time, a medium size programming project. This project unit allows you to further develop your software development skills and put into practice the knowledge acquired in more theoretical units.

**Courses:** IT21

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB446, ITB567

**Campus:** GP

**Sem:** 1, 2

#### ► ITB653 SPECIAL TOPIC

This unit is designed to allow for significant development of, or emphasis on, aspects of Software Engineering or Data Communications not dealt with in other course units. Selected topics and study areas are offered as required when the expertise is available. Students should see School of Software Engineering and Data Communications announcements for details of topics.

**Courses:** IT21

**Campus:** GP **Credit points:** 12

**Sem:** 2

#### ► ITB823 WEB SITES FOR ELECTRONIC COMMERCE

This unit includes the following: systems analysis and design for e-commerce systems; the use of databases to store, alter and retrieve information; creation of Internet based dynamic webpages using commonly available authoring tools.

**Prerequisites:** BSB112

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ITB825 ELECTRONIC BUSINESS INFORMATION SYSTEMS

This unit introduces students to the following: information technology in organisations; the way in which information systems technologies support key organisational functions; what information resources are available to them; how various organisations' staff are involved in the systems development process. How organisations use these technologies and how they plan for, develop and implement technology applications are considered.

**Courses:** BS56, IF26, IF28, IF30, IF37, IF41,

IF47, IF48, IF57, IF60, IF62, IF72

**Prerequisites:** BSB112 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► ITB844 PROJECT (IF59)

Students in IF59, either individually or in small groups, undertake a substantial project relevant to the needs of industry and designed to provide insight into industrial requirements. Each project is carried out under the supervision of a staff member whose interests lie in the field of the project. Before work commences on the project, the student(s) and supervisor must agree on the topic and the scope of the work to be attempted. This unit is offered over two semesters.

**Courses:** IF59

**Campus:** GP

**Credit points:** 24

**Sem:** 1, 2

#### ► ITB847 COMPUTATIONAL INTELLIGENCE

Modern computer controlled machinery is expected to relieve human operators from routine control actions, operating decisions, failure diagnostics and maintenance operations. Computational intelligence methods are an important element in the achievement of this goal. This unit introduces the four main methods from the field of computational intelligence and relates them to applications on real time control and embedded systems. The unit assists students in writing software that uses sensor information for controlling purposeful actions of machines.

**Courses:** ME40

**Contact hours:** 3

**Campus:** GP

**Prerequisites:** EEB411

**Credit points:** 12

**Sem:** 1

#### ► ITB849 INTRODUCTION TO TECHNICAL COMPUTING

This unit assists students to develop problem-solving and programming skills essential in professional technical programming and used in many Engineering and Information Technology majors. The skills are transferable to other programming languages and applications. The unit introduces students to the MATLAB programming environment which is particularly useful for engineering students who will use it later in their studies for various programming and data analysis tasks.

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ITB851 ADVANCED TECHNICAL COMPUTING

This unit introduces the C programming language, and object oriented programming C++. The Unix and C programming environments are major tools used in the development of embedded system applications. Object oriented programming is a major software engineering paradigm. In recent years, object technology has become an important approach to software development. Most new software systems are developed using object-oriented techniques. Students graduating from a course having significant Information Technology content will be expected by employers to be familiar with object technology. This unit introduces students to object oriented concepts. Emphasis is placed on using object technology to solve complex technical engineering oriented problems.

**Prerequisites:** ITB849

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ITD111 SOFTWARE DEVELOPMENT 1

All Information Technology students need a fundamental knowledge of programming and an understanding of the processes and issues involved in the software development life cycle. Although not all Information Technology graduates will become programmers, all Information Technology professionals will be required to work with programmers at some time in their careers. Therefore students need to understand the constraints that arise in the process of software development. This unit provides students with a basis for the ongoing development of their programming knowledge and is a prerequisite for the unit Software Development 2.

**Courses:** IT10, IF06, QC03

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** ITD410

**Campus:** KG

**Sem:** 1, 2, 3

#### ► ITD112 SOFTWARE DEVELOPMENT 2

Software Development 2 builds on the unit Software Development 1 to the entry level needed by all majors. The unit prepares students for the further stage of Software Development 3 in the Software Engineering and Data Communications majors. Since successful software development relies on the re-use of one's own code and of 'third party' software libraries, Software Development 2 extends programming skills in more complex environments while actually doing less coding and relying more upon re-use. Thus this unit prepares students for future programming units in any major involving sophisticated data structures, industry standard 3GL languages, or large-scale software engineering.

**Courses:** IT10

**Contact hours:** 4 per week

**Incompatible with:** ITD411

**Campus:** KG

**Prerequisites:** ITD111

**Credit points:** 12

**Sem:** 1, 2, 3

#### ► ITD113 SYSTEMS ARCHITECTURE

Computer systems and communications networks are fundamental to the activities of modern organisations. Hence all students graduating from a course in Information Technology will be expected by employers to have a firm understanding of the terminology and concepts of computer systems, communications networks and systems software. This unit introduces students to computer systems, communications network technologies, and systems software. This unit also serves as an entry point to further specialised studies in the fields of data communications and software engineering.

**Courses:** IT10, IF06, QC03

**Contact hours:** 4 per week

**Incompatible with:** ITD412

**Campus:** KG

**Credit points:** 12

**Sem:** 1, 2, 3

#### ► ITD114 NETWORKING SYSTEMS

Computer systems and communications networks are essential to the activities of modern organisations. When students graduate from a course in Information Technology, employers expect them to have a sound understanding of the terminology and concepts of computer systems, communications networks and systems software. This unit provides students with an in-depth study of communications network technologies, network operating systems, network administration and management, network applications and network security. The unit also serves as an entry point to further specialised studies in the fields of data communications and information systems security and software engineering.

**Courses:** IT10, IF06, QC03

**Contact hours:** 4 per week

**Incompatible with:** ITD510

**Campus:** KG

**Credit points:** 12

**Sem:** 1, 2, 3

#### ► ITD115 INTRODUCTION TO DATABASES

In this unit, students learn the following: basic database concepts and terminology; the creation and modification of a relational database schema using SQL; the retrieval and modification of the contents of a relational database using SQL; and the development of a database system in Access (a database management program). Students also develop an understanding of the basics of designing user-interfaces, 3-level architecture, integrity constraints, security and privacy issues, and transaction processing.

**Courses:** IT10, IF06, QC03

**Contact hours:** 4 per week

**Incompatible with:** ITD225

**Campus:** KG

**Credit points:** 12

**Sem:** 1, 2, 3

#### ► ITD116 IT PROFESSIONAL STUDIES 1

This unit introduces students to the professional skills required by industry of IT graduates. Using a contextualised IT project as a vehicle, students acquire skills in basic project management leading to the creative design and construction of a Web site. Skill development in this unit focuses on ethical and professional practices, team work, analytical and technical skills, information literacy, and oral, written and visual communication. In addition, the unit assists students to understand themselves as team members and as self-directed



learners by providing effective strategies in each of these domains.

**Courses:** IT10, IF06, QC03

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

#### ► ITN100 RESEARCH METHODOLOGY

In this unit, students are introduced to the research process, research quality control, research project management, and research methodology. Students examine how to source relevant literature, critique results, manage a research project, and write a research proposal.

**Courses:** IT28, IT29, IT30, IT35, IT40, IT60, IF49

**Corequisites:** ITN110 (corequisite for Honours only) or equivalent

**Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► ITN142 MAJOR PROJECT (IS) FULL-TIME

An appropriately sized problem is formulated in consultation with one or more project supervisors in either the School of Information Systems or the School of Software Engineering and Data Communications, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.

**Courses:** IT40, IT35

**Prerequisites:** ITN100

**Contact hours:** By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

**Credit points:** 48  
**Campus:** GP **Sem:** 1, 2

#### ► ITN161 INFORMATION SECURITY FOR IT PROFESSIONALS

Enterprises now acknowledge their continued survival depends on information technology services. For businesses of any size, the major risks are IT-based. Planning and executing any activity, legitimate or not, is difficult without IT services. Nationally and globally, governments recognise this central role of IT and are intensifying efforts to enforce good 'IT governance' ie ensuring the IT infrastructure complies with regulations while promoting enterprise goals. Consequently, even beginners in the IT profession are expected to understand the role of IT security in IT service provision, and to be able to discuss the elements of its practice. This unit enables you to recognise information security problems typically encountered in professional life.

**Courses:** IT45/38, IT40/35

**Prerequisites:** IT45/38: ITN200, ITN601; IT40/35: Nil

**Contact hours:** 3 per week  
**Incompatible with:** ITB623, ITB523, ITN523, ITZ523, ITB543, ITN511, ITN663  
**Campus:** GP **Sem:** 1, 2

#### ► ITN162 PROJECT (IS)

An appropriately sized problem is formulated in consultation with one or more project supervisors, in either the School of Information Systems or the School of Software Engineering and Data Communications, and is usually associated with one of the research interests within the School. Student and supervisor must agree on a topic, scope and semester plan for the work to be attempted. At the end of the semester, the outcome of the investigation is presented to the School both orally and in written form.

**Courses:** IT35/IT40 **Credit points:** 24  
**Campus:** GP **Sem:** 1, 2

#### ► ITN200 DATABASE SYSTEMS

The unit introduces students to the following: fundamental information concepts; rules, facts, and database systems; relational database theory; implementing and manipulating databases; building database systems; capturing enterprise objectives; rule and policy in a database system.

**Courses:** IT38, IT45 **Contact hours:** 3 per week  
**Credit points:** 12 **Incompatible with:** ITN212  
**Campus:** GP **Sem:** 1, 2

#### ► ITN201 ENTERPRISE ARCHITECTURE

The unit presents a holistic and integrated view of complex enterprises through the use of enterprise architecture frameworks. These frameworks integrate the multiple dimensions and views of complex organisations and give you a coherent appreciation of alternative modelling techniques used by different sets of professionals designing, implementing and maintaining infrastructure and information systems.

**Courses:** IT38, IT45

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► ITN218 APPLICATIONS PROGRAMMING

Rapid Application Development (RAD) tools are increasingly dominating the development of commercial applications. This unit introduces students to development methods for commercial information systems, the principles of using structured design techniques and the implementation of such systems using Object Oriented Event Driven Programming (OOED) using Visual Basic.Net (VB.Net), a programming environment that is used extensively in industry. VB.Net is the latest development of the Visual Basic Programming language with complete object oriented programming environment using common language runtime. Information Technology graduates are required to understand these new developments, features and trends.

**Courses:** IT40, IT35, IT45, IT38

**Prerequisites:** IT45, IT38: ITN200, ITN600

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITB218, ITN219  
**Campus:** GP **Sem:** 1, 2

#### ► ITN220 ISSUES IN IT MANAGEMENT

This unit explores aspects of Information Systems Technology judged to be of current or potential importance. These include matters relating to standards and emerging technologies as well as to social and ethical considerations.

**Courses:** IT40, IT35, IT45, IT38

**Prerequisites:** ITN241

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► ITN223 4GL SYSTEMS

This unit includes the following: characteristics of 4GL development environments; database creation and manipulation in a 4GL environment; principles of report and screen design; development of information.

**Courses:** IT40, IT35, IT45, IT38

**Prerequisites:** IT45, IT38: ITN200

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITB223  
**Campus:** GP **Sem:** 2

#### ► ITN225 JAVA FOR E-COMMERCE

This unit introduces and explores the J2EE suite of e-commerce related application programming tools: JDBC/ODBC database connectivity; servlets; Java Server Pages; java beans; enterprise java beans. To do this, it makes use of the Java programming language and considers several design issues related to the development and deployment of J2EE based applications. The subject also introduces concepts associated with distributed information systems and issues related to their deployment and access and distributed system issues in general.

**Courses:** IT38, IT45, IT35, IT40

**Prerequisites:** IT38, IT45: ITN200

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► ITN227 WEB APPLICATIONS

This unit includes the following: design elements for interactive Web front ends; architecture of Web-enabled database applications; database design for Web-enabled database applications. Working as part of a team, students develop a fully functional dynamic Web Application.

**Courses:** IT40, IT35, IT45, IT38

**Prerequisites:** IT45, IT38: ITN200, ITN600

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► ITN228 ENTERPRISE SYSTEMS

This unit introduces a type of large-packaged software application named Enterprise Systems.

After the successful completion of the unit, students have a comprehensive understanding of the following: ES Management; technical Architecture of SAP R/3 as an exemplar Enterprise System; a process walk through functional boundaries (spanning FI,MM,PP,CO) IV) the ES Life-cycle; implementation processes; implementation issues; integration with other systems (legacy and specialist); systems evolution; case study critique; future of enterprise systems.

**Courses:** IT35, IT40, IT38, IT45

**Prerequisites:** IT38, IT45: ITN201

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► ITN233 ENTERPRISE SYSTEMS APPLICATIONS

This unit presents an introduction to Enterprise Systems with a focus on those modules and platforms that are currently considered critical to competitive advantage by companies. These modules include the following: financial accounting (FI); cost management (CO); customer relationship management (CRM); supply chain management (SCM); business analytics, portals and related technology platforms. The unit provides an overview of the business use of these components, their functionality and the integration of them within Enterprise Systems and business.

**Courses:** IT38, IT45, IT35, IT40

**Prerequisites:** ITN228

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► ITN235 DISTRIBUTED OBJECT INFORMATION SYSTEMS

Major topics will include the following: aspects of object orientation; distributed and parallel systems (eg concurrency and performance); the space based programming paradigm; the Java-Board implementation; models of distributed object interactions. Students are expected to contribute to the group through informal discussions of their research projects, from formulation to final presentation of research outcomes.

**Courses:** IT40, IT35

**Prerequisites:** ITN262  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► ITN241 INFORMATION TECHNOLOGY MANAGEMENT

This unit prepares the student to recognise the breadth of resources available for managing a modern IT unit and how these resources may be applied efficiently and effectively through 'good' decision making. The unit approaches this aim by presenting operational, tactical and strategic issues involved in managing an information technology unit, including the following: project management; system procurement; e-business; outsourcing; business process management; managing knowledge workers; disaster recovery planning; business/IT alignment.

**Courses:** IT40, IT35, IT45, IT38

**Prerequisites:** IT45, IT38: ITN201

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITN251  
**Campus:** GP **Sem:** 1

#### ► ITN245 R/3 SYSTEMS ADMINISTRATION

R/3 is a fully integrated, off the shelf, open, client/server software system designed to manage all the business information needs of large enterprises. The efficient functioning of an enterprise utilising R/3 can be directly related to the efficient functioning of the R/3 system. As it is the system administrator's responsibility to ensure the efficient functioning of the R/3 system, this unit provides a practical introduction to the essential tasks of the R/3 systems administrator.

**Courses:** IT40, IT35, IT45, IT38

**Prerequisites:** ITN228

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► ITN246 MINOR PROJECT 1 (IS)

In this unit, students may pursue a specialised area or broaden their knowledge in an area of relevance to their employment. Topic is decided by agreement between the student and a staff member acting a supervisor. A short 20 minute demonstration and/or presentation is required

before the due date for submitting the report in last week of the semester.

**Courses:** IT40, IT35, IT45, IT38

**Contact hours:** By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► ITN248 MINOR PROJECT 2 (IS)

Students may pursue a specialised area or broaden their knowledge in an area of relevance to their employment. Topic is decided by agreement between the student and a staff member acting as a supervisor. A short 20 minute demonstration and/or presentation is required before the due date for submitting the report in the last week of the semester.

**Courses:** IT40, IT35, IT45, IT38

**Contact hours:** By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► ITN252 PROCESS ENGINEERING

This unit includes the following: (1) Business Process Engineering: objectives and interrelationships; business process reengineering; business process management; business process maturity management; (2) Business Process Modelling: objectives and interrelationships; methodologies and tools; the ARIS approach; purposes of business process modelling; (3) Process-based Enterprise Systems Management: enterprise systems selection; enterprise systems implementation; enterprise systems benefit realisation; (4) Case Studies in Process Engineering

**Courses:** IT35, IT40, IT38, IT45

**Prerequisites:** ITN228

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► ITN253 CASE STUDIES IN ENTERPRISE SYSTEMS

This unit presents industry projects which relate to business process management, process outsourcing, organisational change, implementation issues (such as SAP, workflow management, document management), performance measurement.

**Courses:** IT35, IT40, IT38, IT45

**Prerequisites:** ITN252

**Corequisites:** ITN228, ITN233

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN282

**Campus:** GP

**Sem:** 1, 2

#### ► ITN255 KNOWLEDGE MANAGEMENT

The unit focuses primarily on three main areas of understanding: knowledge management fundamentals; knowledge management for IS consulting practices; knowledge strategies used to support IS operations. The content is drawn from existing scientific literature and more recent research carried out in the Information Systems Management Research Group (ISMGR) at QUT. Teaching approaches include simulations, written case studies, and 'living case studies' that involve visiting KM staff from firms. There is no exam in this subject.

**Courses:** IT38, IT45, IT35, IT40

**Prerequisites:** ITN241 or ITN266

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ITN257 MULTIMEDIA SYSTEMS

This unit addresses the following: multimedia authoring; cognitive aspects of multimedia; the media elements; still images; vector images and text; video and animation; sound (wave form, MIDI, voice); compression and transmission of multimedia; hypermedia; client/server considerations for multimedia delivery; programming development for multimedia; combining media; the future in multimedia.

**Courses:** IT38, IT45, IT30, IT45

**Prerequisites:** ITN227

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB257

**Campus:** GP

**Sem:** 1, 2

#### ► ITN259 ADVANCED MULTIMEDIA SYSTEMS

This unit extends students' knowledge of interactive multimedia system technologies including image, sound, video and current advances in 3D, virtual reality, wireless devices and delivery systems. The unit provides them with the knowledge required to contend with existing and future technical problems, and integrate this knowledge in a team environment by creating an interactive multimedia system for a single client. It has a significant hands-on practical focus, due to the nature of the subject.

**Courses:** IT40, IT35 **Prerequisites:** ITN257

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB259

**Campus:** GP

**Sem:** 1

#### ► ITN260 E-COMMERCE SITE DEVELOPMENT

This unit addresses the following: the aims of an electronic commerce site; the business objectives; issues in a site: design, software, databases, payment, staffing, hosting and maintenance; applications development over the Internet; producing and evaluating site quality.

**Courses:** IT38, IT45, IT35, IT40

**Prerequisites:** ITN227

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB260

**Campus:** GP

**Sem:** 2

#### ► ITN261 METHODS AND TECHNIQUES IN BUSINESS PROCESS MANAGEMENT

Business Process Management (BPM) is an important part of the research carried out by the Faculty of Information Technology. It is appropriate, therefore, for those students undertaking research within the Faculty to be provided with the opportunity to find out about current topics of investigation in the area of BPM, and topics foundational to BPM. This field is large, but the main focus will be on workflow systems. These systems are at the technology end of BPM. The unit is intended for students in the honours, masters and PhD programmes

**Courses:** IT40, IT35

**Credit points:** 12

**Sem:** 1

#### ► ITN262 E-COMMERCE TECHNOLOGIES

This unit provides an introduction to some of the information technologies being used to support electronic commerce. In particular, it will cover Java-based technologies, including JDBC, servlets, and Java Server Pages, and XML-based technologies, including XSL. The unit will also cover a number of applications of electronic commerce, including electronic services and auctions.

**Courses:** IT38, IT45, IT35, IT40

**Prerequisites:** ITN227

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► ITN266 PRINCIPLES OF INFORMATION MANAGEMENT

Information management practices are fundamental to the intelligent use of information and the creation of knowledge, yet the concepts of information management (IM) have emerged from a number of disparate disciplines. In this unit students focus on the management of information as an enterprise resource. Students examine its formative influences and consider elements of an IM infrastructure and the processes used to manage information as a resource. They gain an awareness of the activities in which IM professionals are engaged within various organisational contexts. They focus on the strategic and analytic elements comprising information management activities such as the alignment of enterprise information and business planning.

**Courses:** IT25, IT40, IT35, IT45, IT38, IT70

**Prerequisites:** IT45, IT38; ITN201

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB266

**Campus:** GP

**Sem:** 2

#### ► ITN269 SPECIAL TOPIC 2B

This unit is designed to allow for the significant development of, or emphasis in, information systems not dealt with in other course units.

Selected topics and study areas are offered as required and when the expertise is available. See School of Information Systems announcements for details of topics being offered.

**Courses:** IT40, IT35

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► ITN272 INFORMATION TECHNOLOGY PROJECT MANAGEMENT

This unit addresses the following: project scoping; benefits realisation; organisational cultures; group dynamics and communication within teams; risk assessment and quality management; projects scheduling and contingency management

**Courses:** IT35, IT40, IT38, IT45

**Prerequisites:** ITN241

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► ITN273 INFORMATION RETRIEVAL

The ability to quickly learn and expertly use information resources and concepts is a vital skill for the modern day library and information professional. This unit introduces students to the ever changing information environment. Students develop skills in identifying, accessing, evaluating and retrieving information resources to meet specific information needs. This unit also helps to develop skills in teamwork, reflective practice, and oral and written communication.

**Courses:** IT70 **Contact hours:** 36 per semester

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ITN274 MANAGEMENT ISSUES FOR INFO PROFESSIONALS

The overall aim in this unit is to identify key issues and management strategies within libraries, call centres, help desk centres, IT consultancy firms and other information agencies.

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ITN275 INFORMATION ORGANISATION

This unit introduces students to principles and strategies for organising information. This is carried out by examining the following: the nature of information; bibliographic description; theory and practice of indexing and classification; standards for information description and metadata; the structure of databases and records that are used in a range of databases used for document and knowledge description. Students are familiarised with the tools that are used to support information description and improve information quality such as metadata standards, thesauri, cataloguing rules, classification schemes and authority files.

**Courses:** IT70

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► ITN276 INFORMATION SERVICES

This unit seeks to develop students' understanding of the key issues involved in developing and managing a contemporary and innovative information service. In particular they will be given the opportunity to become familiar with the methods and tools used in the selection and acquisition of information resources and the creation of information programs to meet the specific needs of a community or client group. Students also develop a working knowledge of the skills and techniques essential for critically evaluating the resources and programmes created. The unit further seeks to develop oral and written communication skills, critical thinking, teamwork skills, and project management ability.

**Courses:** IT70, IT73, IT74, IT75, IT76

**Prerequisites:** ITN273

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► ITN278 WEB CONTENT MANAGEMENT

The ability for staff or clients to interact with corporate information is now an essential component of most organisations. Internet technology allows universal access for identified user communities through the provision of specifically designed Web sites. Key components of these sites include interface design, information architecture, content integration, content distribution and presentation, content publishing processes,

and content integrity. Leading organisations manage these sites through the development and implementation of content management strategies. This unit considers these issues, related practices and likely future directions in Web content management.

**Courses:** IT70, IT73, IT74, IT75, IT76

**Credit points:** 12 **Campus:** GP

#### ► ITN279 INFORMATION LITERACY INSTRUCTION

Information professionals have an important role in ensuring that their clients are empowered to engage effectively within their information environment. This unit introduces students to the principles and techniques for designing, implementing and evaluating instruction which will enhance client's ability to work within contemporary information environments. Students are introduced to information literacy models, contemporary learning theory, user needs assessment, information use theory and instructional design. This unit also helps to develop skills in reflective practice and oral and written communication.

**Courses:** IT70, IT73, IT74, IT75, IT76

**Credit points:** 12 **Campus:** GP

#### ► ITN280 PROFESSIONAL PRACTICE

Professional Practice refers to the ongoing engagement with day-to-day issues, challenges, and tasks of the library and information world. This unit provides students with the opportunity to spend time in the professional working environment, as well as to explore many of the issues that have an impact upon professionals working in information agencies. The unit provides a contemporary perspective of the role of libraries and information agencies and the role that students, as information professionals, can play in these areas. Students are encouraged to reflect on their own knowledge, skills, and abilities gained throughout the course of study, through the completion of a professional portfolio. They will also complete two fieldwork placements of 10 working days.

**Courses:** IT70 **Prerequisites:** ITN275, ITN276

**Campus:** GP **Sem:** 1, 2

#### ► ITN315 INFORMATION MANAGEMENT PROJECT

This unit enables students to carry out an independent project addressing a research question or practical problem in library studies or information management. It provides an opportunity to individualise their studies by concentrating on a specific problem. The unit will help them acquire necessary skills in a problem domain, and to enable them to conduct a well-defined project with specific outcomes within a precisely defined project plan. This unit also teaches students how to prepare a well-written project report.

**Courses:** IT70 **Credit points:** 12

**Campus:** GP **Sem:** 1, 2

#### ► ITN316 DIGITAL LIBRARY SYSTEMS

This unit addresses the following: the development of automated library systems based upon analysis of subsystems such as acquisitions, circulation, cataloguing, reference and information retrieval and special materials control; standards for description, distribution and retrieval of information in such systems; integration of subsystems; linking of systems into networks and organisation of document delivery, access to digital collections, knowledge representation and information retrieval from databases and resource discovery within a coordinated framework with emphasis on user needs; digitisation programs and their management; virtual reference service.

**Courses:** IT70, IT73, IT74, IT75, IT76

**Prerequisites:** ITN275 **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► ITN317 ADVANCED INFORMATION SERVICES

Today's information professionals require a high level of skills in online searching to be able to retrieve relevant and authoritative information in the electronic environment. They need to anticipate and respond to clients' information needs by ensuring efficient management of appropriate information products and services. The significance of assessing and communicating the value

of the information services to particular client groups is highlighted. This is particularly important in the specialised context of corporate and government libraries and information agencies, where it is essential that the information services are strategically aligned with the parent organisation.

**Courses:** IT70, IT73, IT74, IT75, IT76

**Prerequisites:** ITN273, ITN276

**Credit points:** 12 **Campus:** GP

#### ► ITN318 INFORMATION ORGANISATION 2

The unit, which is project-based, encompasses the planning and implementation of improved resources and information services to a user community. It requires the investigation of the information needs of a particular community, development of a proposal to address those needs, and the creation of an information product, including instructional procedures for use of the product.

**Courses:** IT70

**Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► ITN319 RECORDS SYSTEMS

This unit addresses the following: the conceptual foundations of recordkeeping practice within the context of corporate information management; control systems for managing records including registration, tracking, classification, indexing and schemes for supporting these; functional analysis including appraisal and procedures for archiving; functionality of electronic records management systems and their relationship to workflow, content management and document management systems; strategies for digitisation and preservation; regulatory and access considerations.

**Courses:** IT70

**Prerequisites:** ITN266

**Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► ITN330 INFORMATION ISSUES AND POLICY

The subject's focus is the central role of policy as a guideline for action contributing to the resolution of a range of both workplace and broader societal issues within the Internet Age. Under-scored are elements of policy formulation-execution-evaluation of particular relevance to IT and other information professionals.

**Courses:** IT38, IT45

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB330 **Campus:** GP

#### ► ITN600 PROGRAMMING PRINCIPLES

Information Technology students need a fundamental knowledge of programming and an understanding of the processes and issues involved in the development of software. Graduates will most likely be required to work with programmers at some time in their career. Therefore they need to understand the challenges and constraints that arise in the software development process. This unit provides students with a basis for the further acquisition of programming knowledge and skills and is a prerequisite for subsequent units in Software Engineering, Data Communications and Information Systems.

**Courses:** IT38, IT45

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN410

**Campus:** GP **Sem:** 1, 2

#### ► ITN601 SYSTEMS AND NETWORKS

Computer Systems and communications networks are fundamental to the activities of modern organisations. Hence all students completing a course in Information Technology will be expected by employers to have a firm understanding of the terminology and concepts of computer systems, communications networks and systems software. This unit introduces students to computer systems, communications network technologies, and systems software. The unit also serves as an entry point to further specialised studies in the fields of data communications and software engineering.

**Courses:** IT38, IT45

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN412

**Campus:** GP **Sem:** 1, 2

#### ► ITN660 DATA STRUCTURES AND ALGORITHMS

Professional programmers are expected to have a sound understanding of the abstract concepts used in the development of medium to large scale software systems. This unit provides students with a repertoire of algorithms and concepts, enabling them to develop or maintain computationally efficient software systems.

**Courses:** IT40, IT35, IT45, IT38

**Prerequisites:** IT45, 38: ITN600

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN414

**Campus:** GP **Sem:** 1

#### ► ITN661 OBJECT ORIENTED PROGRAMMING

Object-orientation is one of the most successful paradigms for analysis, design and implementation of software systems. Graduates from a course in Information Technology will require a solid grounding in object technology. This unit introduces students to the fundamental ideas and basic concepts associated with object orientation. The C++ programming language is used as a tool for deep understanding of these ideas and concepts. This unit builds on the unit Programming Principles and prepares students, both theoretically and practically, for using object technology in further stages of study.

**Courses:** IT45, IT38, IT40, IT35

**Prerequisites:** IT45, IT38: ITN600

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITB448, ITN415, ITN481

**Campus:** GP **Sem:** 2

#### ► ITN662 SOFTWARE ENGINEERING

Software engineering is the application of a systematic, disciplined, quantifiable approach to the development, operation and maintenance of software. It is a fundamental component of the knowledge base Information Technology professionals should possess. This unit introduces students to the non-programming related activities that are essential for the production of commercial software and is a prerequisite for subsequent specialist software engineering units. (Subject to final approval)

**Courses:** IT45, IT38, IT40, IT35

**Prerequisites:** IT45, IT38: ITN600

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN424

**Campus:** GP **Sem:** 2

#### ► ITN664 OPERATING SYSTEMS

This unit covers the concepts, structure and mechanisms of modern day operating systems. Central to an operating system are processes that work to perform system and user tasks. All students graduating from a course in Information Technology will be expected by employers to have a firm understanding of the terminology and concepts of computer systems, operating systems and other systems software, including distributed systems and storage management technologies. This unit introduces you to operating system software and its usage. As such, this unit also serves as an entry point to further specialised studies in the fields of data communications and software engineering.

**Courses:** IT40, IT35, IT45, 38

**Prerequisites:** IT45, IT38: ITN601

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** ITN427, ITN484

**Campus:** GP **Sem:** 1, 2

#### ► ITN665 COMPUTER NETWORK MANAGEMENT

Computer networks are essential for the running of organisations of today. To ensure the effective and efficient operation of these computer networks, they need to be administered and managed by competent technical people. This unit teaches up-to-date technical skills for the administration and management of computer networks utilizing an environment that is currently used in industry. It also teaches the theory and practices of network administration and management. Ensuring that the network is secure is a theme that is maintained throughout the unit. This unit relies on students already having a solid understanding of the fundamentals of computer systems and networks.

**Courses:** IT45, IT38, IT40, IT35

**Prerequisites:** An introductory networking unit  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITN525  
**Campus:** GP **Sem:** 1, 2

#### ► ITN667 INTERNET PROTOCOLS AND SERVICES

Graduates in software engineering and data communications require an understanding of the theoretical and practical concepts of network services and communication. Networks based on the TCP/IP Protocols are the framework for most user networking activities today. This unit assumes students have a basic understanding of networking issues and a good understanding of programming concepts. Theory and practical skills taught in this unit will be useful for students intending to study advanced Data Communications units.

**Courses:** IT45, IT38, IT40, IT35  
**Prerequisites:** IT45, IT38: ITN600, ITN601  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** ITN524  
**Campus:** GP **Sem:** 1, 2

#### ► ITN670 SECURITY TECHNOLOGIES

Secure networking is paramount to the operation of almost all forms of industry. Information systems and networks must be adequately defended against attacks to ensure the availability, confidentiality and integrity of information. This advanced unit provides students with the knowledge necessary to analyse and investigate various types of security technologies that can be used, either individually or in combination, to protect against attacks. As an understanding of the broader issues is necessary, this unit will also examine the wider implications of the use of particular security technologies.

**Courses:** IT40, IT35, IT45, IT38  
**Prerequisites:** ITN663  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITN567, ITN584  
**Campus:** GP **Sem:** 1

#### ► ITN671 WIRELESS NETWORKS

This unit builds on the foundations established by generic data communications units and applies the theory to a more specialised field. Wireless communications is rapidly becoming a more and more significant data communications technology and an important part of everyday life for both organisations and individuals. The ability to access information from wherever you are is highly valued and will be one of the defining characteristics of the present and foreseeable future. This unit will give students the knowledge and skills to understand protocols for wireless and mobile communications and also to design wireless and mobile communication systems.

**Courses:** IT38, IT45, IT35, IT40  
**Prerequisites:** ITN667  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► ITN673 COMPUTER FORENSICS

This unit focuses on the principles that should direct the collection, analysis and presentation of the digital evidence available to an investigator, and the techniques that are used in order to ensure that those principles are met. IT professionals, especially those with a responsibility for computer security, are increasingly required to gather, analyse and present evidence of computer crime. To undertake this unit, students should have already achieved a sound foundation in computer software, computer communications, and computer security thus enabling them to relate to the principles and practice of computer forensics, which build on that foundation.

**Courses:** IT35, IT40, IT38, IT45  
**Prerequisites:** ITN663, ITN600, ITN667  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► ITN674 MINOR PROJECT 1 (SEDC)

Students graduating from a course in Information Technology are expected by employers to be able to complete on time a medium size programming project. This project unit allows students to further develop their software development skills and put into practice the knowledge acquired in more theoretical units.

**Courses:** IT38, IT45, IT35, IT40

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITN446, ITN576  
**Campus:** GP **Sem:** 1, 2

#### ► ITN675 MINOR PROJECT 2 (SEDC)

Students graduating from a course in Information Technology are expected by employers to be able to complete on time a medium size programming project. This project unit allows students to further develop their software development skills and put into practice the knowledge acquired in more theoretical units.

**Courses:** IT38, IT45, IT35, IT40  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► ITN676 SOFTWARE QUALITY MANAGEMENT

The modern software development industry recognises a need for deliberate and carefully planned management of the quality of software. It is increasingly important for companies to become accredited to a recognized standard of quality management. This unit covers software quality management and gives particular emphasis to the ISO 9001 standard for quality management systems, which is widely used in Australia and around the world.

**Courses:** IT35, IT40, IT38, IT45  
**Prerequisites:** ITN662  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITN454  
**Campus:** GP **Sem:** 2

#### ► ITN677 INTERNATIONALISATION OF SOFTWARE

Software is now a global market, and developers need to be able to produce applications that can be used in many different cultures and nations. There is a significant body of enabling technology that allows efficient and cost effective development of applications that can be used in diverse contexts. Understanding the principles and the technologies involved in internationalisation and localisation is essential for companies seeking to go global or that are already global.

**Courses:** IT40, IT35, IT45, IT38  
**Prerequisites:** ITN662  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► ITN678 PROJECT (SEDC) - FULL-TIME

Students graduating from a course in Information Technology are expected by employers to be able to complete on time a medium size programming project. This project unit allows students to further develop their software development skills and put into practice the knowledge acquired in more theoretical units.

**Courses:** IT35, IT40 **Credit points:** 24  
**Incompatible with:** ITN164, ITN165  
**Campus:** GP **Sem:** 1, 2

#### ► ITN679 PROJECT (SEDC) - PART-TIME

Students graduating from a course in Information Technology are expected by employers to be able to complete on time a medium size programming project. This project unit allows students to further develop their software development skills and put into practice the knowledge acquired in more theoretical units.

**Courses:** IT35, IT40 **Credit points:** 24  
**Incompatible with:** ITN174, ITN175  
**Campus:** GP **Sem:** 1, 2

#### ► ITN680 WEB SERVICES

Web services are touted as the next generation Internet. They have the potential to revolutionise the way businesses operate and to create whole new markets. The majority of IT companies have a web service story, and it could be argued that almost any kind of business could potentially benefit from a careful implementation of Web Services. Thus it is important for students to be aware of web services, to understand the technical and business implications web services present, and to be able to evaluate them. Students need to understand web services to prepare for the IT industry future.

**Courses:** IT35, IT40 **Prerequisites:** ITN262  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► ITN681 TRUSTED SYSTEMS AND NETWORKS

Information systems must be protected against misuse in order to protect essential information assets. Users should be able to rely upon the trustworthiness of the hardware, software and communication networks comprising these information systems. Such trustworthiness in turn should be derived from sound security design, and evaluation mechanisms assessing the effectiveness of security design and implementation. This unit enables students to identify the essential features of such trusted security design and evaluation. Students are provided with an overview of trusted system design and the background to international efforts seeking to implement effective security system evaluation and certification infrastructure.

**Courses:** IT35, IT40 **Prerequisites:** ITN663  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITN531  
**Campus:** GP **Sem:** 2

#### ► ITN682 ADVANCED CRYPTOLOGY

Cryptology forms a core discipline in the study of information security. This unit concentrates on the latest developments in cryptology. This is a highly specialised unit with the intent of preparing Honours and Postgraduate students for research in cryptology.

**Courses:** IT35, IT40 **Prerequisites:** ITB646  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITN556  
**Campus:** GP **Sem:** 2

#### ► ITN683 COMPILER CONSTRUCTION

An understanding of compiler technology is useful, not only for people wanting to develop new compilers, but to all computer professionals. This unit introduces language-processing techniques that students can apply to a wide range of applications, not just compilers. More importantly, this unit fills in a missing link in the progression from high-level application programs down to how they are ultimately implemented at the electrical circuit level. Students must have an understanding of each step in this process in order to have a thorough understanding of how computer systems work. An understanding of compiler technology also leads to a better appreciation of programming language semantics.

**Courses:** IT40, IT35  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITN464, ITB464  
**Campus:** GP **Sem:** 1

#### ► ITN684 PATTERN RECOGNITION AND DATA MINING

The growing interest in data mining is motivated by a common problem across disciplines: how does one store, access, model, and ultimately describe and understand very large data sets? Data mining is becoming a strategic necessity for a company to maintain profitability. It is addressed in this unit.

**Courses:** IT35, IT40  
**Prerequisites:** ITB640 or MAB209 or ITB650  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** ITN447  
**Campus:** GP **Sem:** 1

#### ► ITN685 MAJOR PROJECT (SEDC) FULL-TIME

Students graduating from a course in Information Technology are expected by employers to be able to complete on time a medium size programming project. This project unit allows students to further develop their software development skills and put into practice the knowledge acquired in more theoretical units.

**Courses:** IT35, IT40  
**Prerequisites:** ITN100 **Credit points:** 48  
**Incompatible with:** ITN144, ITN145  
**Campus:** GP **Sem:** 1, 2

#### ► ITN686 MAJOR PROJECT (SEDC) PART-TIME

Students graduating from a course in Information Technology are expected by employers to be able to complete on time a medium size programming project. This project unit allows students to further develop software development skills and put into practice the knowledge acquired in more theoretical units.

**Courses:** IT35, IT40

**Prerequisites:** ITN100

**Credit points:** 48

**Incompatible with:** ITN154, ITN155

**Campus:** GP

**Sem:** 1, 2

### ► JSB131 FRAMING SOCIAL JUSTICE

The Justice Studies degree is about producing competent justice professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. The purpose of this unit is to introduce students to the structural parameters of social justice.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB101, JSB011

**Campus:** KG, EXT

**Sem:** 1

### ► JSB132 PROFESSIONAL SKILLS

The effectiveness of justice professionals is measured by their ability to communicate and investigate, and it is these two skills which form the basis for much of the day to day work performed by justice studies students and justice professionals. This unit introduces basic skills in research and written and oral communication in order to lay a successful foundation for academic and professional achievement.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB012, JSB014

**Campus:** KG, EXT

**Sem:** 1

### ► JSB133 LAW AND GOVERNMENT

The justice professions have as their common factor an involvement in the process of law, and particularly the administration of law and law enforcement. The increasing role of governments in law-making is a significant feature of modern times. This unit introduces students to the concepts of law and government. It examines the role of government in making and administering the law and encourages students to start thinking critically and analytically about legal, political and justice issues. Law and government provide those students who intend to work in the justice system with a foundation framework of key legal and political information and knowledge. They will use this knowledge throughout their studies and in their future professional careers.

**Courses:** JS31

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB103, JSB013

**Campus:** KG, EXT

### ► JSB134 SOCIAL ETHICS AND THE JUSTICE SYSTEM

It is essential for those working in the justice system to be able to competently and confidently work at the borders between ethics and the law. Ethical ability will enable practitioners to critically assess the moral status of current laws, to interpret acceptable standards of behaviour in situations not covered by the laws, and to develop shared understandings of moral responsibility in justice organisations and the wider community.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB102

**Campus:** KG, EXT

**Sem:** 1

### ► JSB135 UNLOCKING CRIMINAL JUSTICE

The Justice Studies Degree is about producing competent Justice Professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. This unit, in particular, focuses on the theoretical and practical relationship between social justice and criminal justice by examining not only the concepts of human rights, equality, social justice and citizenship, but asking students to apply this knowledge to a series of practical situations. This application happens throughout the lectures and tutorials as well as within the assessment.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB202, JSB015

**Campus:** KG, EXT

**Sem:** 2

### ► JSB136 FORENSIC PSYCHOLOGY AND THE LAW

Forensic Psychology is readily acknowledged as one of the fastest growing areas of psychology in the world. Psychologists are now involved significantly in policing, judicial procedures and correctional processes. The term 'forensic' literally means 'of or used in law courts' (Australian Oxford Paperback Dictionary). The term 'Forensic Psychology', however, is now used more generally to include the contribution of psychology and psychologists across the three criminal justice domains of the police, the courts, and corrections. By its very nature forensic psychology draws from a wide multi-disciplinary base for the application of its specialised knowledge.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

### ► JSB137 POLITICS OF LAW

In the Politics of Law, students develop a knowledge and understanding of legal and criminal justice processes. This knowledge is important because it will inform their study in other units in the course and equip them with the necessary understandings to enter employment in the Justice System. The unit will also provide students with knowledge necessary to act responsibly as informed citizens in Australian society. In addition to an understanding of criminal justice issues, this unit helps students to build on their understanding of the relationship between law and society, as well as develop problem-solving skills appropriate to a legal and justice context.

**Courses:** JS31

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB216, JSB017

**Campus:** KG, EXT

**Sem:** 2

### ► JSB138 CRIMES OF VIOLENCE

To work as justice professionals in areas related to the criminal justice system or human rights, Justice students need an understanding of fundamental principles of criminal law and of social justice issues related to criminal law. Of particular importance for these students is an understanding of issues pertaining to violent crimes as such crimes will play a focal role in their work.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB201, JSB022

**Campus:** KG, EXT

**Sem:** 2

### ► JSB231 UNDERSTANDING CRIMINOLOGY

This unit deals with formal criminological theories of crime and crime control. Particular attention is drawn to various concepts, assumptions and propositions contained in criminological theories and the contribution which criminological knowledge has made to advancing our understanding of crime and crime control. Criminological theories are viewed as integral to a range of governmental practices aimed at ensuring the regulation and control of particular 'problem populations'. The unit develops an analytical framework in order to critically assess the epistemological claims and justifications found in all formal articulations of criminological theory.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB107, JSB018

**Campus:** KG, EXT

**Sem:** 1

### ► JSB232 YOUTH JUSTICE

This unit is concerned with the way in which a 'youth crime problem' is constructed and the implications of this for particular cohorts of young people in contemporary Australia. It is also concerned with the administration and management of youth crime through formal systems designed to prevent and reduce unlawful acts. Particular attention is drawn to the historical development of youth justice in Australia and to the changing nature of youth crime control across jurisdictions. Contemporary articulations of youth crime control are examined in relation to Queensland's system of youth justice, particularly as this relates to young indigenous people, young women and those from various social classes and ethnic groups.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB041

**Campus:** KG, EXT

**Sem:** 1

### ► JSB233 CRIME AND COMMUNITY CORRECTIONS

Prisons are the visible tip of the iceberg of punishment and correction in our society; Community Corrections is the beneath-the-surface bulk. The ratio of persons in prison to persons on Community Corrections Orders, across Australian jurisdictions, is approximately 1 to 3. Even though a significant proportion of those under Community Correction supervision are fine defaulters (and have committed only minor offences), it remains the case that a significant majority of those labelled 'deviant' by our police and judicial systems never go to prison. How did we arrive at this situation? This unit studies the philosophical and ideological evolution of probation, parole and other alternative sanctions to enable students to understand current community corrections systems.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB317, JSB073

**Campus:** KG, EXT

**Sem:** 2

### ► JSB241 INTRODUCTION TO INVESTIGATIONS AND POLICING

As a consequence of the changing nature of society and the criminal justice system, various investigatory agencies have been established to deal with the designated investigations as well as possible breaches of any accompanying legislation. As the police make up a major part of the Criminal Justice System, it is the police who predominantly instigate criminal justice procedures which follow on to involve other components of the Criminal Justice System. Due to the diversity of both public and private agencies becoming involved in the investigative process, it is important that students grasp an understanding of the machinery of this process.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

### ► JSB242 CRIMINAL LAW IN CONTEXT

To work as justice professionals in areas related to the criminal justice system or human rights, Justice students need an understanding of fundamental principles of criminal law and of social justice issues related to criminal law. Those students undertaking the Investigations, Intelligence and Policing major need to understand issues of criminal procedure and due process as well as specific contexts of criminal law.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB204, JSB024

**Campus:** KG, EXT

**Sem:** 1

### ► JSB243 INTELLIGENCE LED INVESTIGATIONS

Intelligence is increasingly taking a leading role in investigations with analysts setting a direction for criminal investigation teams. The unit exposes students to the essentials of the intelligence system, the intelligence process and creative problem solving skills. Intelligence professionals are also concerned with support to government, the private sector and the community. Intelligence offers an advantage through the provision of accurate and timely advice. Intelligence requires proficiency in thinking strategies and skills, interpersonal effectiveness skills, teamwork and application of intelligence process methodologies.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** JSB211, JSB061

**Campus:** KG, EXT

**Sem:** 2

### ► JSB251 POLICY, GOVERNANCE AND JUSTICE

Many important public policies concern issues of law and justice. As justice professionals, students may very likely be involved in your future careers in the development, analysis or implementation of criminal and social justice policies. Students' involvement may be directly through government or through the community sector and interest groups. A theoretical and practical under-

standing of policy making and the role of law and policy in governance will be a distinct advantage for both their career and citizenship roles.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB081

**Campus:** KG, EXT **Sem:** 1

#### ► JSB252 CITIZENSHIP AND JUSTICE

Society demands certain responsibilities from people once they become adults. Legal rights and responsibilities apply to adult citizens in our society whenever they engage in social relations. Some of the most important of these rights and responsibilities involve the law and occur in the areas of property, family, employment and social welfare. This subject is concerned with an analysis of the legal rights and responsibilities of adult citizens in Australia in terms of owning property, being involved in relationships, being employed or unemployed, and receiving welfare from the government.

**Courses:** JS31, LW41, LW42, ED50

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSS005, JSB082

**Campus:** KG, EXT **Sem:** 2

#### ► JSB253 WATCHDOGS: WARRIORS, WIMPS AND WITCH-HUNTS

Recent growth of government activity and regulation means that strong powers have been granted to non-elected officials and the agencies they are employed by, often to perform an oversight role on public administration. Justice professionals need to know the range of agencies with such watchdog roles, and their powers and responsibilities. A good understanding of the theoretical and political framework within which the investigative and other powers of oversight agencies are exercised and utilised is important for those who may carry out, evaluate or critique the powers of such watchdogs.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT **Sem:** 2

#### ► JSB331 PRISONS AS INDUSTRY

The modern Western prison has a two hundred year history. That history follows no Darwinian pattern of evolutionary logic. Instead, it fits and starts, it lurches forward and leaps backwards, seemingly often at the individual whim of powerful bureaucrats rather than in response to any dominant public discourse of the time. What does the near future hold: more prisons, fewer prisons, or none? The technological push, increasing privatisation and expanding captive labour forces all have implications for the future of the prison. To what extent will political and economic imperatives, rather than social discourse, dictate the future of our prisons? This unit sets out to examine the future of punitive incarceration.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB318, JSB074

**Campus:** KG, EXT **Sem:** 1

#### ► JSB332 CRIME CONTROL AND GOVERNANCE

This unit deals with the way in which crime control is administered in western neo-liberal states, with specific reference to Australia. Based on a critical criminological perspective, the unit considers contemporary 'cultures of crime control' as part and parcel of a governmental approach to the attempted management of 'problem populations' in the neo-liberal state.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB304, JSB021

**Campus:** KG, EXT **Sem:** 2

#### ► JSB333 RESPONDING TO CRIME

Current directions in research on the 'crime problem', based in developmental and cognitive psychology, outline a complex web of intervention in the lives of 'at risk' populations. This shift from a reactive crime control model to a proactive crime prevention model has been embraced by governments at both state and federal level in Australia and elsewhere. Students intent upon working in the criminological field need to fully understand both the strengths and weaknesses of this new way of understanding crime.

Most important however, will be the implications of such a major shift in the control of 'criminal populations', which is well beyond the scope of the traditional criminal justice system.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB044

**Campus:** KG, EXT **Sem:** 2

#### ► JSB341 INVESTIGATIONS, EVIDENCE AND POLICE POWERS

Students endeavouring to undertake employment within the Justice System need to be introduced to a core component of that system, namely, the criminal law particularly Police Powers and evidence. This unit of study provides a comprehensive knowledge base of some of the principles, rules and concepts of police powers and selected evidentiary components. This together with an understanding and application of these principles, concepts and rules to selected situations will ensure a better analysis and appreciation of the workings of the Criminal Justice System as a whole.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB031, JSB051

**Campus:** KG, EXT **Sem:** 1

#### ► JSB342 ORGANISED CRIME

The apparent growth of organised crime, both nationally and internationally, in recent years has resulted in a deepening commitment on the part of law enforcement agencies to its suppression. Although not confined to the association with illicit drugs, the so-called drug trade is a major enterprise behind the proliferation of organised crime. Another consequence of organised crime is the development of corruption through the diverse levels of society. Students therefore will gain an understanding of the historical development, social perceptions and consequences and the perceived extent of organised crime.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB310, JSB053

**Campus:** KG, EXT **Sem:** 2

#### ► JSB343 FUTURE POLICING STRATEGIES

The role of policing has changed considerably since its inception. The last decade or so has been particularly transient. The enforcement emphasis that was previously promulgated has been refocused towards service to the community and problem solving in collaboration with the community, not wholly resting with the police agencies. In addition, the advancements in technology and overall societal changes have also impacted on the role of policing within contemporary society. On this basis, students undertaking this unit will be exposed to some of the issues that require further debate and analysis as we move into the 21st century.

**Courses:** JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB054

**Campus:** KG, EXT **Sem:** 2

#### ► JSB351 ADMINISTRATIVE JUSTICE

It is essential that justice professionals know and understand the rules of administrative law as well as the underlying philosophy of administrative justice so that those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. Those working in the community sector need to know how to question administrative decisions and actions and be able to challenge the power of government when it contravenes principles of administrative justice. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability; it examines mechanisms of State accountability, their philosophy and practice.

**Courses:** JS31, LW41, LW42, ED50

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB083

**Campus:** KG, EXT **Sem:** 1

#### ► JSB352 INDIGENOUS JUSTICE

It is essential that justice professionals know and understand the rules of administrative law as well as the underlying philosophy of administrative

justice so that those working in the public sector understand what guides their decision making as well as the avenues of appeal from any decision they make. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice providing a strong working knowledge of the administrative justice system and its legal, social and political environment.

**Courses:** JS31, LW42, LW41

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1

#### ► JSB353 GLOBAL JUSTICE

Debates over the protection and enforcement of human rights norms within the Australian social, legal and political landscape are increasingly prevalent. Knowledge and understanding of Australia's international, regional and domestic human rights obligations and activities are vital for all justice professionals. This unit promotes an understanding of the theoretical and practical frameworks of human rights norms and influence in global justice.

**Courses:** ED50, JS31, LW41, LW42

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB314, JSB084

**Campus:** KG, EXT **Sem:** 2

#### ► JSB411 THEORIES OF JUSTICE 1

Arguments concerning perceived problems of justice and injustice usually reveal conflicting ideas about what justice actually means both theoretically, and in practice. Students who are to graduate with honours in a Bachelor of Justice require a sophisticated level of understanding of theories of justice in a social and criminal context if they are to effectively apply in practice the content knowledge they have acquired in the course of their study.

**Courses:** JS40

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSN001, LWN040

**Campus:** EXT **Sem:** 1

#### ► JSB412 LITERATURE REVIEW

Employment as a researcher in government departments and justice agencies and the successful undertaking of higher degree study require an ability to independently design and execute complex research projects. An integral part of good research is the establishment of parameters within which research should proceed. Knowledge of the literature in and around the chosen topic is vital to establishing the basis of a good research project.

**Courses:** JS40

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

#### ► JSB413 COLLOQUIUM

To engender support for on-going projects and to enlist the co-operation and/or collaboration of peers and superiors it is necessary for researchers to be able to make effective oral and multi-media presentations about their work. Students embarking upon an honours year of specialised research require support, a collegial atmosphere for their work, regular contact with peers and supervisors, and the opportunity to discuss their research, defend its parameters and to acquire skills of critique and analysis. This unit will offer honours students the opportunity to acquire these skills in a supportive and collegiate atmosphere.

**Courses:** JS40

**Contact hours:** 3 per fortnight **Credit points:** 12

**Campus:** KG **Sem:** 1

#### ► JSB414/1 THESIS 1

A research thesis is the major component of the Honours course. It provides students with an opportunity to conceive, design and execute a major research project with specialist supervision. This unit in conjunction with thesis 2, 3 and 4 is a major part of the Honours program and begins the process of thesis conceptualisation and formulation. Together with the unit, Literature Review, this unit provides the preparation for the honours dissertation.

**Courses:** JS40

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** JSB404

**Campus:** KG **Sem:** 2



**► JSB414/2 THESIS 2**

This unit comprises the further research and writing of the honours dissertation, under the direction of the supervisor. The production of the honours dissertation is the main objective of the honours program. Justice Studies students successfully completing the honours year will have acquired high level research and writing skills relevant to both higher degree study and a career in the justice professions.

**Courses:** JS40 **Prerequisites:** JSB414/1  
**Credit points:** 12 **Incompatible with:** JSB406  
**Campus:** KG **Sem:** 2

**► JSB414/3 THESIS 3**

This unit comprises the further research and writing of the honours dissertation, under the direction of the supervisor. The production of the honours dissertation is the main objective of the honours program. Justice Studies students successfully completing the honours year will have acquired high level research and writing skills relevant to both higher degree study and a career in the justice professions.

**Courses:** JS40 **Prerequisites:** JSB414/2  
**Credit points:** 12 **Incompatible with:** JSB407  
**Campus:** KG **Sem:** 2

**► JSB414/4 THESIS 4**

This unit comprises the further research and writing of the honours dissertation, under the direction of the supervisor. The production of the honours dissertation is the main objective of the honours program. Justice Studies students successfully completing the honours year will have acquired high level research and writing skills relevant to both higher degree study and a career in the justice professions.

**Courses:** JS40 **Prerequisites:** JSB414/3  
**Credit points:** 12 **Incompatible with:** JSB408  
**Campus:** KG **Sem:** 2

**► JSB931 INDEPENDENT STUDY**

Justice Studies students may discover an area that is of particular interest to them, or which has specific relevance to their intended professional orientation. This unit gives students the opportunity to extend aspects of their coursework or professional interests in more depth as well as to continue the process of refining and developing research skills.

**Courses:** JS31, LW41, LW42 **Credit points:** 12  
**Incompatible with:** JSB312, JSB092  
**Campus:** KG, EXT **Sem:** 1, 2

**► JSB932 ALTERNATIVE JUSTICE PROCESSES**

Conflict is inevitable in society. A major aim of any justice system must be to manage and resolve conflict through efficient, effective and equitable processes. This unit will equip students with the knowledge, understanding and skill needed to work effectively as professionals in the Justice system. Students develop an understanding of concepts of conflict and critically examine a number of models of conflict resolution from the formal adjudication of the legal system, to the less structured forum of mediation, to the process of negotiation. The unit also helps students to develop the professional and interpersonal skills necessary to manage conflict effectively in a variety of contexts relevant to the Justice system.

**Courses:** JS31, LW41, LW42  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB032  
**Campus:** KG, EXT **Sem:** 1

**► JSB933 CRIME RESEARCH METHODS**

It is essential that students undertaking research projects both professionally and academically, have a solid knowledge and understanding of research design and analysis. This subject builds upon research skills acquired in first and second year study and is thus intended to provide advanced knowledge and skills in research design and methodology for use in the fields of criminal justice, justice administration and criminology.

**Courses:** JS31, LW41, LW42  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB043  
**Campus:** KG, EXT **Sem:** 1

**► JSB934 PROFESSIONAL PLACEMENT**

In order to operate effectively in the workplace students will need to be able to connect and apply the knowledge and theory they have gained from the other units in the course to the practice of the profession in which they gain employment.

**Courses:** JS31, LW42, LW41 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

**► JSB935 CONTRACTUAL JUSTICE**

We are surrounded, in our day to day adult lives, with legally binding promises. These can range from relatively simple promises like purchasing a train ticket to far more complex million dollar deals. It is through the law of contract that we can understand these promises and the ways in which they become legally binding. It is important that legal and justice studies students understand the nature of contractual promises as they will be particularly involved with them in their working lives, and will need to be aware of what characterises contractual promises, how they are interpreted, how they affect us once validated, how they can be invalidated or discharged, and what sorts of remedies arise from them.

**Courses:** JS31, ED50, LW42  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSS002, JSB086  
**Campus:** KG, EXT **Sem:** 1

**► JSB936 COMPENSATION AND REPARATION**

The appropriateness of compensation as a remedy is a very important topic and it is important that we understand the boundaries to compensation, as well as the reasons that we may have to pay compensation and the many types of conduct that provoke compensation claims. This unit provides the foundation for an understanding of this crucial area of law and legal obligations.

**Courses:** JS31, LW42, ED50  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSS003, JSB087  
**Campus:** KG, EXT **Sem:** 1

**► JSB937 FORENSIC SCIENTIFIC EVIDENCE**

This unit is designed for students of science and law, who seek a knowledge of uses of science in law. The unit emphasises the fundamental links between, science, social justice and the legal system while outlining the various rules of evidence in Australian courts. Professionals involved in science, law enforcement and justice administration need a clear understanding of the fundamental rules and legal principles relating to the investigation of, and admissibility of evidence. The rationale is to provide knowledge that equips students to work in this area.

**Courses:** JS31, LW42, LW41, SC01  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** JSB444  
**Campus:** KG, EXT **Sem:** 2

**► JSN001 THEORIES OF JUSTICE**

This unit is concerned with clarifying the assumptions that underpin arguments about what is just or unjust within various spheres of contemporary Australian society. The unit provides a framework for evaluating the relative usefulness of various theories of justice in terms of their theoretical implications and practical applications. The unit focuses on the interface between justice, postmodernism and the law.

**Courses:** JS51 **Credit points:** 12  
**Incompatible with:** JSB411, LWN040  
**Campus:** EXT **Sem:** 1

**► JSN006 INDEPENDENT STUDY 1**

This unit is designed to enable students to pursue particular aspects of their coursework or of professional interest in more depth. It is an opportunity for students to refine and develop research skills. Students are required to complete a piece of research under the guidance of an academic supervisor.

**Courses:** JS51 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

**► JSN007 INDEPENDENT STUDY 2**

Independent Study offers students the opportunity to extend further aspects of their coursework or professional interest in more depth, as well as

to continue the process of refining and developing research skills.

**Courses:** JS51 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

**► JSN014 LAW, JUSTICE AND NEW GENETIC TECHNOLOGIES**

Our ability to test, screen and manipulate the human genome is made possible by recent technological breakthroughs in science. The science of genetics is not new, but its public profile has never been higher. Current initiatives in genetic knowledge have been described as an international voyage of scientific discovery. The legal community faces a perpetual challenge in keeping pace of the revolution in genetics. This unit looks at some legal implications of this revolution and charts the major responses of our legal system to modern genetics and biotechnology.

**Courses:** JS51 **Contact hours:** Block mode  
**Credit points:** 12 **Incompatible with:** LWN135  
**Campus:** GP **Sem:** 2

**► JSN016 INTELLIGENCE, JUSTICE AND ACCOUNTABILITY**

The unit focuses on intelligence and security activities relative to the rights of individuals, their 'need to know' and their 'right to know'. It examines relationships and responsibilities of intelligence and security professionals and organisations in Australian society: the nature, roles of intelligence, counterintelligence and security; laws and other instruments that protect individuals and their activities against unlawful intelligence and security actions and operations; human rights issues; perspectives of public and private morality; the media's right to disclose intelligence and security matters.

**Courses:** JS51 **Credit points:** 12  
**Campus:** EXT **Sem:** 1

**► JSN017 INTELLIGENCE AND DECISION MAKING**

Intelligence professionals offer support to government, the private sector and the community, where they offer an advantage through the provision of accurate and timely advice. Intelligence is, however, largely wasted if it is not communicated effectively to the appropriate decision maker. This unit is concerned with the delivery of intelligence to decision makers. It recognises the need for intelligence managers to be attuned to the context and environment in which they are operating. The unit examines client needs against proven principles. It acknowledges the importance of focusing reporting and examines the specific needs of client groups. Finally, it looks at the processes to develop appropriate intelligence products.

**Courses:** JS51 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

**► JSN018 ADVANCED CRIME RESEARCH METHODS**

It is essential that students undertaking research projects have a comprehensive knowledge and understanding of research design and analysis. This subject is intended to extend students' understanding of the research process fundamental to effective criminal justice research with a particular focus on the structure and organisation of theses. Emphasis will be placed upon the whole research process, through an understanding of the logic of social science research design and methodology. This unit offers students a comprehensive account of the variety of research design models, data collection techniques and data analysis strategies. It will extend students' understanding of both quantitative and qualitative research.

**Courses:** JS51  
**Prerequisites:** JSB933 or equivalent  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

**► JSN023 JUSTICE, LAW AND DEMOCRACY**

In this unit, students explore analyses of the major issues of social philosophy including justifications of liberty, harm to others, private property rights, distributive justice, environmental harms, help to others and criminal and offensive behaviour. Students also discuss links between law, justice and social institutions and how we

might adjudicate between competing interests in society. Lawyers and other justice professionals, public administrators, and para-professionals working in the fields of law, justice or politics will find this unit useful in developing a theoretical foundation for understanding social institutions and how they interact with law and morality. By drawing on competing perspectives, students will develop their critical research and writing skills

**Courses:** JS51

**Credit points:** 12 **Incompatible with:** JSN005

**Campus:** EXT

**Sem:** 2

#### ► JSN131 JUVENILE JUSTICE

This unit critically examines the nature, extent and social construction of a 'youth crime problem' in western countries (especially Australia) and to establish how and why the youth justice system takes the governmental form it does. It is concerned with the way in which a 'youth crime problem' is constructed and the implications of this for particular cohorts of young people in contemporary Australia. It is also concerned with the administration and management of youth crime through formal systems designed to prevent and reduce unlawful acts. Particular attention is drawn to the historical development of youth justice in Australia and to the changing nature of youth crime control across jurisdictions.

**Courses:** JS51

**Incompatible with:** JSP131, JSB232

**Campus:** KG, EXT

**Sem:** 1

#### ► JSN132 FOUNDATIONS IN CRIMINOLOGY

Criminological theories of crime and crime control are socially and historically dynamic and integral to legal and social policy. They are also central to the ways in which prisons, policing and crime prevention more generally is organised in society. This unit deals with formal criminological theories of crime and crime control. However, rather than simply outlining the theories, particular attention is drawn to the central concepts, assumptions and propositions contained in criminological theories and the contribution which criminological knowledge has made to advancing our understanding of crime and crime control. Knowledge derived from this unit is applicable to a critical understanding of all professional and popular theories of crime.

**Courses:** JS51

**Credit points:** 12

**Incompatible with:** JSP132, JSB231

**Campus:** KG, EXT

**Sem:** 1

#### ► JSN133 CRIME PREVENTION

This unit discusses in detail the complex relationship which exists between the crime problem, the creation of criminality, and traditional responses to crime. Second, it discusses crime prevention strategies that are broader than the traditional criminal justice response and explores the appropriateness or otherwise of blanket responses to crime. Finally, the unit considers the issue of how the interests of victims of crime may be adequately addressed both within and outside the criminal justice system. Building on the theoretical knowledge gained in Foundations in Criminology and Crime Control and Governance, this unit critically discusses current directions in research on the 'crime problem'.

**Courses:** JS51

**Credit points:** 12

**Incompatible with:** JSP133, JSB333

**Campus:** KG, EXT

**Sem:** 2

#### ► JSN134 CRIME CONTROL AND GOVERNANCE

This unit deals with the way in which crime control is being administered in late modernity with specific reference to Australia. Attention is drawn to the changing roles played by various state sponsored agencies and organisations in the management, prevention and reduction of crime, as well as the various governmental rationalities that underpin the workings of the criminal justice system. Building on Foundations in Criminology, the unit considers contemporary cultures of crime control as part and parcel of a governmental approach to the attempted management of problem populations in the neo-liberal state. Power, discipline, regulation and classification are integral to this project.

**Courses:** JS51

**Credit points:** 12

**Incompatible with:** JSP134, JSB332

**Campus:** KG, EXT

**Sem:** 2

#### ► JSN141 ORGANISED CRIME AND CORRUPTION

Organised crime activities have burgeoned exponentially throughout the world in the last ten to twenty years. Drug importation and trafficking, fraud (including fraud against the revenue, identity fraud, credit card fraud and maritime fraud), money laundering and people smuggling are all examples of criminal activities that are diverting billions of dollars from legitimate businesses and into the hands of criminal syndicates. The aim of this unit is to provide students with knowledge and understanding of organised crime activities. Students gain an understanding of the theoretical nature of organised crime and its functional structure and operations and are able to critically analyse the nature and impact of organised crime on society.

**Courses:** JS51

**Credit points:** 12

**Incompatible with:** JSP141, JSP053, JSB342

**Campus:** KG, EXT

**Sem:** 1

#### ► JSN142 FORENSIC INVESTIGATION METHODS AND STRATEGIES

Organised crime and corruption are not new phenomena but their magnitude and sophistication have increased dramatically in the last decade. The aspects of these activities that distinguish them from more traditional crimes mean reliance on traditional law enforcement techniques and powers will usually be inadequate. Lawyers, investigators and intelligence and financial analysts working in this expanding field need an understanding of these new powers and an appreciation of the different strategies and conceptualisations needed to combat organized crime and corruption. This unit develops this understanding by analysing the statutory powers and examining creative and innovative strategic methods of applying these tools.

**Courses:** JS51

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

#### ► JSN143 PROCEEDS OF CRIME AND MONEY LAUNDERING

Unlike some other crimes, the primary motive for organised crime and official corruption is profit. Organised crime syndicates generate huge profits that they launder through various means and re-invest in further crime and/or legitimate businesses. By taking away the proceeds of crime both the motivation and the means to commit further crime may be decreased. The aim of this unit is to provide students with an understanding and critical appreciation of the policy and legislation, both internationally and in Australia, that regulates the confiscation of the proceeds of crime, the prosecution of money laundering offences, and the reporting of suspect and significant financial transactions and international funds transaction reports.

**Courses:** JS51

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

#### ► JSN144 EVIDENCE IN ORGANISED CRIME INVESTIGATIONS

In recognition of the limitations of traditional law enforcement methods in dealing with organised crime and corruption, the Commonwealth and some State governments have granted more extensive powers to their police services and created inquisitorial commissions equipped with special coercive powers. The aim of this unit is firstly, to assist investigators and other professionals to appreciate the impact of rules of evidence in this specific context, secondly, to understand how these new powers can be more effectively exercised, and thirdly, to inform those representing persons who are the subject of such exercise on how best they can protect the rights of their clients.

**Courses:** JS51, LW60, LW51 **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

#### ► JSN151 POLICY, GOVERNANCE AND JUSTICE

This unit enables students to become familiar with policy-making practices and wider issues of governance. The unit aims to introduce the theory and practice of public policy with an emphasis on

policy issues relevant to criminal and social justice. It analyses processes in policy development such as policy formation, writing, implementation and evaluation. Students gain tools for participating in policy development processes in both the public and community sectors.

**Courses:** JS51

**Credit points:** 12

**Incompatible with:** JSP151, JSB251

**Campus:** KG, EXT

**Sem:** 1

#### ► JSN152 ADMINISTRATIVE JUSTICE

Justice professionals must know and understand the rules of administrative law as well as the underlying philosophy of administrative justice so those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, its philosophy and practice to provide a strong working knowledge of the administrative justice system and its legal, social and political environment.

**Courses:** JS51

**Credit points:** 12

**Incompatible with:** JSB351, JSP152

**Campus:** KG, EXT

**Sem:** 1

#### ► JSN153 WATCHDOGS: WARRIORS, WIMPS AND WITCH-HUNTS

Recent growth of government activity and regulation means that strong powers have been granted to non-elected officials and the agencies they are employed by, often to perform an oversight role on public administration. This unit provides students with a critical, analytical and practical understanding of the range and role of watchdog agencies, and their protective and investigative powers and responsibilities.

**Courses:** JS51

**Credit points:** 12

**Incompatible with:** JSB253, JSP153,

**Campus:** KG, EXT

**Sem:** 2

#### ► JSN154 HUMAN RIGHTS AND GLOBAL JUSTICE

This unit provides students with the necessary theoretical and practical knowledge and understanding of human rights standards and their impact on the Australian social, legal, justice and political landscape so as to enable students to enhance their contribution as a justice professional. Students also gain a critical perspective on these matters that will allow them to understand and apply the constraints and guidance provided by international human rights norms.

**Courses:** JS51

**Credit points:** 12

**Incompatible with:** JSB084, JSP084, JSP154, JSB353

**Campus:** KG, EXT

**Sem:** 2

#### ► JSN161 FUNDAMENTALS OF INTELLIGENCE

Intelligence analysts are increasingly taking a leading role in investigations setting the direction for criminal investigation teams. Intelligence professionals also offer support to government, the private sector and the community where they offer an advantage through the provision of accurate and timely advice.

**Courses:** JS51

**Credit points:** 12

**Incompatible with:** JSP161, JSP061

**Campus:** EXT

**Sem:** 1

#### ► JSN162 MANAGING INTELLIGENCE

The unit is concerned with the management of intelligence organisations, personnel and operations. It recognises the need for managers to be attuned to the context and environment in which they are operating. The unit examines organisational structures against proven principles. It acknowledges the importance of people, and examines the specific needs of personnel systems in an intelligence environment. Finally, it looks at the processes to plan and conduct efficient operations. The subject concentrates on applying established principles and procedures to the unique needs of intelligence organisations.

**Courses:** JS51

**Credit points:** 12

**Incompatible with:** JSP162 JSP067

**Campus:** EXT

**Sem:** 1



**► JSN163 INTELLIGENCE RESEARCH ISSUES & METHODOLOGY**

As the importance of intelligence to government and organisation decision making continues to grow, the management of knowledge increasingly becomes the key factor in deciding who wins and who loses in international relations, business and war. This unit has three aims: first, to develop a higher level understanding of the theoretical basis of intelligence research; second, to assist students to develop an understanding of the role of research in intelligence in government and organisation decision making; and third, to develop a practical knowledge of the application of research methodologies.

**Courses:** JS51 **Credit points:** 12  
**Incompatible with:** JSP163  
**Campus:** EXT **Sem:** 2

**► JSN164 INTELLIGENCE AND NATIONAL SECURITY**

The unit critically examines the notions and concepts of national security. It explores functions, roles and responsibilities for national security in the Australian context. The basic tenet informing teaching in the unit is that intelligence is a support function that ensures the safety, security and quality of life within a nation. The concepts of national security and intelligence, the essentials of an intelligence system, and multidisciplinary factors are applied to issues related to environment, economy and society. The principal focus is on issues that constitute actual and potential threats to national security in Australia in this century. The unit also focuses on the examination of the means available and obstacles to support threat management.

**Courses:** JS51 **Credit points:** 12  
**Incompatible with:** JSP164  
**Campus:** EXT **Sem:** 2

**► JSP131 JUVENILE JUSTICE**

This unit critically examines the nature, extent and social construction of a 'youth crime problem' in western countries (especially Australia) and to establish how and why the youth justice system takes the governmental form it does. It is concerned with the way in which a 'youth crime problem' is constructed and the implications of this for particular cohorts of young people in contemporary Australia. It is also concerned with the administration and management of youth crime through formal systems designed to prevent and reduce unlawful acts. Particular attention is drawn to the historical development of youth justice in Australia and to the changing nature of youth crime control across jurisdictions.

**Courses:** JS25, JS26 **Credit points:** 12  
**Incompatible with:** JSN131, JSP041, JSB041, JSB232  
**Campus:** KG, EXT **Sem:** 1

**► JSP132 FOUNDATIONS IN CRIMINOLOGY**

Criminological theories of crime and crime control are socially and historically dynamic and integral to legal and social policy. They are also central to the ways in which prisons, policing and crime prevention more generally is organised in society. This unit deals with formal criminological theories of crime and crime control. However, rather than simply outlining the theories, particular attention is drawn to the central concepts, assumptions and propositions contained in criminological theories and the contribution which criminological knowledge has made to advancing our understanding of crime and crime control. Knowledge derived from this unit is applicable to a critical understanding of all professional and popular theories of crime.

**Courses:** JS25, JS26 **Credit points:** 12  
**Incompatible with:** JSN132, JSB231  
**Campus:** KG, EXT **Sem:** 1

**► JSP132 FOUNDATIONS IN CRIMINOLOGY**

Criminological theories of crime and crime control are socially and historically dynamic and integral to legal and social policy. They are also central to the ways in which prisons, policing and crime prevention more generally is organised in society. This unit deals with formal criminological theories of crime and crime control. However,

rather than simply outlining the theories, particular attention is drawn to the central concepts, assumptions and propositions contained in criminological theories and the contribution which criminological knowledge has made to advancing our understanding of crime and crime control. Knowledge derived from this unit is applicable to a critical understanding of all professional and popular theories of crime.

**Courses:** JS25, JS26 **Credit points:** 12  
**Incompatible with:** JSN132, JSP041  
**Campus:** KG **Sem:** 1

**► JSP133 CRIME PREVENTION**

This unit discusses in detail the complex relationship that exists between the crime problem, the creation of criminality and traditional responses to crime. Secondly, it discusses crime prevention strategies that are broader than the traditional criminal justice response and explores the appropriateness or otherwise of blanket responses to crime. Finally, it considers the issue of how the interests of victims of crime may be adequately addressed both within and outside the criminal justice system. Building on the theoretical knowledge gained in Foundations in Criminology and Crime Control and Governance, this unit critically discusses current directions in research on the 'crime problem'.

**Courses:** JS25, JS26 **Credit points:** 12  
**Incompatible with:** JSN133  
**Campus:** KG, EXT **Sem:** 2

**► JSP134 CRIME CONTROL AND GOVERNANCE**

This unit deals with the way in which crime control is being administered in late modernity with specific reference to Australia. Attention is drawn to the changing roles played by various state sponsored agencies and organisations in the management, prevention and reduction of crime, as well as the various governmental rationalities that underpin the workings of the criminal justice system. Building on Foundations in Criminology, the unit considers contemporary cultures of crime control as part and parcel of a governmental approach to the attempted management of problem populations in the neo-liberal state. Power, discipline, regulation and classification are integral to this project.

**Courses:** JS25, JS26 **Credit points:** 12  
**Incompatible with:** JSN134, JSB332  
**Campus:** KG, EXT **Sem:** 2

**► JSP141 ORGANISED CRIME AND CORRUPTION**

Organised crime activities have burgeoned exponentially throughout the world in the last ten to twenty years. Drug importation and trafficking, fraud (including fraud against the revenue, identity fraud, credit card fraud and maritime fraud), money laundering and people smuggling are all examples of criminal activities that are diverting billions of dollars from legitimate businesses and into the hands of criminal syndicates. The aim of this unit is to provide students with knowledge and understanding of organised crime activities. Students gain an understanding the theoretical nature of organised crime and its functional structure and operations and be able to critically analyse the nature and impact of organised crime on society.

**Courses:** JS25, JS27 **Credit points:** 12  
**Incompatible with:** JSN141, JSP053, JSB053, JSB342  
**Campus:** KG, EXT **Sem:** 1

**► JSP142 FORENSIC INVESTIGATION METHODS AND STRATEGIES**

Organised crime and corruption are not new phenomena but their magnitude and sophistication have increased dramatically in the last decade. The aspects of these activities that distinguish them from more traditional crimes mean reliance on traditional law enforcement techniques and powers will usually be inadequate. Lawyers, investigators and intelligence and financial analysts working in this expanding field need an understanding of these new powers and an appreciation of the different strategies and conceptualizations needed to combat organised crime and corruption. This unit develops such an understanding by analysing the statutory powers

and examining creative and innovative strategic methods of applying these tools.

**Courses:** JS25, JS27 **Credit points:** 12  
**Incompatible with:** JSN142  
**Campus:** KG, EXT **Sem:** 1

**► JSP143 PROCEEDS OF CRIME AND MONEY LAUNDERING**

Unlike some other crimes, the primary motive for organised crime and official corruption is profit. Organised crime syndicates generate huge profits that they launder through various means and re-invest in further crime and/or legitimate businesses. By taking away the proceeds of crime both the motivation and the means to commit further crime may be decreased. The prosecution of money laundering offences augments this crime prevention strategy.

**Courses:** JS25, JS27 **Credit points:** 12 **Incompatible with:** JSN143  
**Campus:** KG, EXT **Sem:** 2

**► JSP144 EVIDENCE IN ORGANISED CRIME INVESTIGATIONS**

In recognition of the limitations of traditional law enforcement methods in dealing with organised crime and corruption, the Commonwealth and some State governments have granted more extensive powers to their police services and created inquisitorial commissions equipped with special coercive powers. The aim of this unit is firstly, to assist investigators and other professionals to appreciate the impact of rules of evidence in this specific context, and secondly, to understand how these new powers can be more effectively exercised.

**Courses:** JS25, JS27 **Credit points:** 12 **Incompatible with:** JSN144  
**Campus:** KG, EXT **Sem:** 2

**► JSP151 POLICY, GOVERNANCE AND JUSTICE**

This unit will enable students to become familiar with policy-making practices and wider issues of governance. The unit aims to introduce the theory and practice of public policy with an emphasis on policy issues relevant to criminal and social justice. It analyses processes in policy development such as policy formation, writing, implementation and evaluation. Students gain tools for participating in policy development processes in both the public and community sectors.

**Courses:** JS25, JS28 **Credit points:** 12  
**Incompatible with:** JSN151, JSP081, JSB081, JSB251  
**Campus:** KG, EXT **Sem:** 1

**► JSP152 ADMINISTRATIVE JUSTICE**

Justice professionals must know and understand the rules of administrative law as well as the underlying philosophy of administrative justice so those working in the public sector understand the rules that guide their decision making as well as the avenues of appeal from any decision they make. The unit is organised around theoretical perspectives of democracy, specifically participation and accountability, and examines mechanisms of State accountability, their philosophy and practice so as to provide a strong working knowledge of the administrative justice system and its legal, social and political environment.

**Courses:** JS25, JS28 **Credit points:** 12  
**Incompatible with:** JSN152, JSB351  
**Campus:** KG, EXT **Sem:** 1

**► JSP153 WATCHDOGS: WARRIORS, WIMPS AND WITCH-HUNTS**

Recent growth of government activity and regulation means that strong powers have been granted to non-elected officials and the agencies they are employed by, often to perform an oversight role on public administration. Justice professionals need to know the range of agencies with such watchdog roles, and their powers and responsibilities. A good understanding of the theoretical and political framework within which the investigative and other powers of oversight agencies are exercised and utilised is important for those who may carry out, evaluate or critique the powers of such watchdogs.

**Courses:** JS25, JS28 **Credit points:** 12  
**Incompatible with:** JSN153, JSB253  
**Campus:** KG, EXT **Sem:** 2

### ► JSP154 HUMAN RIGHTS AND GLOBAL JUSTICE

The aim of this unit is to provide students with the necessary theoretical and practical knowledge and understanding of human rights standards and their impact on the Australian social, legal, justice and political landscape so as to enable them to enhance your contribution as a justice professional. Students also gain a critical perspective on these matters that will allow them to understand and apply the constraints and guidance provided by international human rights norms.

**Courses:** JS25, JS28 **Credit points:** 12  
**Incompatible with:** JSN154, JSP084, JSB353  
**Campus:** KG, EXT **Sem:** 2

### ► JSP161 FUNDAMENTALS OF INTELLIGENCE

Intelligence analysts are taking a leading role in investigations with analysts setting the direction for criminal investigation teams. Intelligence professionals also offer support to government, the private sector and the community where they offer an advantage through the provision of accurate and timely advice. Intelligence requires proficiency in thinking strategies and skills, effective interpersonal skills, teamwork and application of intelligence process methodologies in a variety of contexts. This unit examines the essentials of the intelligence system, the intelligence process and creative problem solving skills in an intelligence environment.

**Courses:** JS25, JS26 **Credit points:** 12  
**Incompatible with:** JSN161, JSP061  
**Campus:** EXT **Sem:** 1

### ► JSP162 MANAGING INTELLIGENCE

The unit is concerned with the management of intelligence organisations, personnel and operations. It recognises the need for managers to be attuned to the context and environment in which they are operating. The unit examines organisational structures against proven principles. It acknowledges the importance of people, and examines the specific needs of personnel systems in an intelligence environment. Finally, it looks at the processes to plan and conduct efficient operations. The subject concentrates on applying established principles and procedures to the unique needs of intelligence organisations.

**Courses:** JS25, JS29 **Credit points:** 12  
**Incompatible with:** JSN162, JSP067  
**Campus:** EXT **Sem:** 1

### ► JSP163 INTELLIGENCE RESEARCH ISSUES & METHODOLOGY

As the importance of intelligence to government and organisation decision making continues to grow, the management of knowledge increasingly becomes the key factor in deciding who wins and who loses in international relations, business and war. This unit has three aims: first, to develop a higher level understanding of the theoretical basis of intelligence research; second, to assist students to develop an understanding of the role of research in intelligence in government and organisation decision making; and third, to develop a practical knowledge of the application of research methodologies to intelligence research.

**Courses:** JS25, JS26 **Credit points:** 12  
**Incompatible with:** JSN163, JSP063  
**Campus:** EXT **Sem:** 2

### ► JSP164 INTELLIGENCE AND NATIONAL SECURITY

The unit critically examines the notions and concepts of national security. It explores functions, roles and responsibilities for national security in the Australian context. The basic tenet informing teaching in the unit is that intelligence is a support function that ensures the safety, security and quality of life within a nation. The concepts of national security and intelligence, the essentials of an intelligence system, and multidisciplinary factors are applied to issues related to environment, economy and society. The focus is on issues that constitute actual and potential threats to national security in Australia in this century, and on examination of the means available and obstacles to support threat management.

**Courses:** JS25, JS29 **Credit points:** 12  
**Incompatible with:** JSN164, JSP065

**Campus:** EXT

**Sem:** 2

### ► KCB101 COMMUNICATION IN THE NEW ECONOMY

This unit introduces the student to foundational ideas in the study of communication, drawing on examples of communication practice from contemporary society, and the historical development of both the media of mass communication and ways of theorising its development. The idea of the 'new' economy is the organising motif of the unit. The unit introduces and problematises the discipline of communication as it confronts, engages and interpenetrates the new economy.

**Courses:** KC32, IF09, IF10, IF27, KK32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KCB140 MEDIA AND SOCIETY: FROM PRINTING PRESS TO INTERNET

Innovations in media and communication technologies have been deeply implicated in the evolution of human society from ancient times to the present. This unit explores the enabling capacities of media and communications, as well as other aspects of media power from a variety of perspectives, in the development of the modern nation state, consumer culture and the global information economy.

**Courses:** KC32, IF09, IF10, KK32  
**Contact hours:** 3 per week **Credit points:** 12  
**Sem:** 1

### ► KCB150 MEDIA AND COMMUNICATIONS INDUSTRIES

This unit provides an introduction to media and communications industries, with particular reference to the Australian media and communications industries and associated issues. The unit examines aspects of broadcasting, magazines and publishing, popular music, film, the Internet and games industries, from social, industrial and cultural perspectives. Students are involved in discussion of current issues and media features.

**Courses:** KC32, IF09, IF10, IF27, KK32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KCB204 GLOBALISATION AND NEW MEDIA

The globalisation of economic, political and cultural organisations and relations is one of the central dynamics of 21st century societies. While the causes, significance and impacts of globalisation are widely debated, it has been strongly connected to the development of new media, most notably media content delivered through cable and satellite technologies, and through the Internet. This unit provides students with a clear understanding of globalisation, its relationship to new media technologies, and strategies for dealing with such changes that have been adopted by corporations, governments, communities, knowledge institutions, and the institutions and networks of civil society.

**Courses:** KC32, IF09, IF10, KK32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KCB213 STRATEGIC SPEECH COMMUNICATION

This unit is based in rhetorical and group communication theories, as a base for developing professionals who are articulate presenters, probing but empathic interviewers and interviewees, and good team players. Theory and practice are interrelated to develop understanding and self-reflexivity within students concerning their own communication skills, and to guide them to become effective leaders in the Communication Industries professions. Practice in simulated work situations will allow growth and learning in the laboratory of the classroom.

**Courses:** KC32, KK32, KJ32, IF09, IF10, IF27  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KCB295 VIRTUAL CULTURES

This unit provides both a critical and conceptual introduction to the issues arising from the emergence of online communications, or 'virtual communities', and a practical introduction to the skills and competencies required for the development and maintenance of successful virtual

communities. It considers issues arising from the development of online communications from the perspectives of corporate cultures, public or civic action, and questions of community, identity and social inequality in Internet culture, conflict management, and ethical and privacy issues on the Web.

**Courses:** KC32, IF09, IF10, KK32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KCB311 POLITICAL COMMUNICATION

This unit provides an overview of the theory and practice of political communication and the role of discursive strategies in the social construction of meaning, with particular reference to media and communications industries. The unit examines political campaigns in Australia and internationally as students critically examine theories of media influence, as well as notions of crisis management, rhetorical models, persuasion theory and the use of images as a power resource to succeed in a political campaign. The unit also looks at how survey research helps the planning and development of political campaigns, and students are involved in developing a political campaign strategy.

**Courses:** KC32, KK32, IF09, IF10, IF27  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KCB334 MEDIA AND COMMUNICATION RESEARCH METHODS

The research process (define problem, collect relevant information, analyse information, formulate conclusions/outcomes) underlies many decisions that confront media and communication professionals. This subject introduces foundational research skills and contextualises them with a number of media and communication problems. The unit involves qualitative and quantitative research methods including observation, focus groups, case studies, survey research and experiments studied in the context of media and communication problems and issues. Students carry out research using some of these methods, analyse the results and present their conclusions and recommendations.

**Courses:** KC32, IF10, KK32  
**Prerequisites:** KCB150  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KCB335 MANAGING COMMUNICATION RESOURCES

An understanding of controlled media (ie media in which the communicator, rather than a gatekeeper, controls the final content), in both print and electronic forms, is critical for professional communicators. Controlled media resources remain the most common tools developed during communication campaigns. This unit develops students' ability to devise effective resources for clients. Students develop practical skills in managing projects, researching the audience, writing and designing resources, testing their work, and seeing the product through to final production. This unit involves desktop publishing training and offers students an opportunity to develop a print or electronic resource for a client.

**Courses:** KC32, IF09, IF10, IF27  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KCB336 NEW MEDIA TECHNOLOGIES

This unit examines the relationship between new technologies and media production in their social and cultural context. It evaluates the impact of digitisation and convergence on work, leisure, film, TV, print media and other areas of cultural production and considers the contribution of media theory to insights about the social, cultural, economic and political impacts of new media technologies.

**Courses:** KC32, IF09, IF10, IF27, KK32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KCB348 APPLIED MEDIA COMMUNICATION

In this unit, students explore ways in which their knowledge of media industries, audiences and

texts finds application in employment contexts. Students also develop and consolidate an applied understanding of databases in the process of maintaining and developing an online directory of media and related organisations serving the greater Brisbane area. Questions of professional practice in online and workplace environments are also discussed, with particular reference to matters of freedom of expression, accuracy and fairness, access and equity, cultural difference, privacy, security and intellectual property.

**Courses:** KC32

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KCB349 MEDIA AUDIENCES

A knowledge of and ability to research audiences is essential to a detailed and comprehensive understanding of the media. The ability to undertake quantitative and qualitative research into various audience groupings, the use of associated analytical tools and the ability to critically analyse academic and industry based audience research are important skills for students undertaking research in Media Communication and those seeking employment in media industries.

**Courses:** KC32, IF09, IF10, IF27

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KCP018 CREATIVE INDUSTRIES

The development of the creative industries has been identified as a central element of the contemporary knowledge-based economy, that is informational, global and networked. In this unit, students undertake an overview of the creative industries as a major element of the global knowledge economy. Students critically analyse issues such as the rise of a knowledge-based economy, technological convergence, networks and clusters, services industries, creative cities, globalisation, creativity and consumption, intellectual property issues, social entrepreneurship and social capital.

**Courses:** IF01, IF02, IF03, IF04

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KCP110 GLOBAL MEDIA AND COMMUNICATIONS POLICY

This unit involves intensive analysis of current issues in media and communications policy, both in Australia and internationally, in the context of the rise of global media and communications networks, globalised content, and the emergence of global rules and institutions to govern these networks and flows. The unit combines critical reflection and applied analysis of contemporary media and communications policy issues with an understanding of the politics of media and communications policy. The unit equips students with conceptual and applied research skills that can be used in further academic research, and professional practice in industry and government.

**Courses:** KK51, IF03, IF04

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KCP295 VIRTUAL CULTURES

New media communications technologies such as the Internet have opened opportunities for extended participation and development of online cultures, with new forms of interaction, collaboration, community-building and the development of shared interests at a global scale being made possible. This unit affords students an opportunity to critically appraise arguments for and against virtual communities, in the context of practical tutorials, lecture/discussions, students' participation and online communication.

**Courses:** KI35, KI36, KI43

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KCP336 NEW MEDIA TECHNOLOGIES

This unit considers the social, cultural, economic and political implications of development of new media technologies, such as the Internet and World Wide Web, broadband cable and satellite technologies. This unit considers the following: the historical development of technologies; different understandings of digital culture; the impact of new media forms upon cultural practices and modes of social interaction; the impact of

new media in traditional media industries (print, broadcast) and areas such as entertainment and education; the legal, regulatory and policy issues arising from the development of new media technologies.

**Courses:** IF01, IF02, IF03, IF04, KI35, KI36, KI43

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KCP348 APPLIED MEDIA COMMUNICATION

Networks of industry and professional association are extremely important in media and communication industries. In this unit, students extend and apply their critical knowledge of media and communication to the task of deepening their understanding of these networks. Through updating and developing the Brisbane Media Map, an online resource that profiles media and communication industries in Brisbane, students also refine project planning and management skills, information analysis and design skills, website promotion, database management, and team leadership skills.

**Courses:** IF03, IF04

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KCP349 MEDIA AUDIENCES

This unit provides students with a conceptual understanding of media audiences within industry and academic contexts. In addition, the unit introduces students to a range of practical skills that may be applied when undertaking audience research. A knowledge of and an ability to research audiences is essential to a detailed and comprehensive understanding of the media. The ability to undertake quantitative and qualitative research into various audience groupings, and the ability to critically analyse academic and industry based audience research are important skills for students undertaking both postgraduate research in Media & Communication and those seeking employment in media industries.

**Courses:** IF03, IF04

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KCP353 CREATIVE INDUSTRIES RESEARCH SEMINAR

This unit provides analytical and practical research skills for professional practice in the creative industries. It combines an overview of research methodologies and traditions relevant to the creative industries with the development of generic skills in research strategies, use of information technology for research, skills in data collection and analysis, and application of research outcomes in community, professional, industry and governmental contexts. It enhances the development of graduates with strong vocational and research skills in their chosen areas of professional practice.

**Courses:** IF04

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KCP354 CREATIVE INDUSTRIES IN ASIA

The Asian region has been one of the most dynamic regions in the world over the last three decades. Economic growth and industrialisation, greater openness to the global economy, and the rise of mass media and consumer society, have led to dramatic changes in the media and cultural industries throughout the region. Forces associated with the rise of creative industries, such as globalisation, the knowledge-based economy, and media and communications networks are significantly shifting public policy, and raising new challenges, tensions and contradictions in politics, economics and culture.

**Courses:** IF04

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KCP355 CREATIVE INDUSTRIES PROJECT

The development of the creative industries has been identified as a central element of the contemporary creative economy that is informational, global and networked. This unit provides an opportunity for students to extend their analy-

sis and reflection upon the development of creative industries, in the form of a scholarly and well-researched essay. Sustained reflection upon creative industries developments is central to those involved in the creative industries as professional practitioners, as well as those considering Doctoral study in the creative industries area.

**Courses:** IF04

**Contact hours:** 3 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1, 2

#### ► KCP360 ADVERTISING CREATIVE: INTRODUCTION

This unit provides an introduction to the creative side of advertising, involving the development of creative strategies, creative concepts, and the crafting of persuasive ideas. The unit is the foundation for further work in creative advertising, and provides students with a thorough grounding in creative advertising history, industry practices, strategies and concept development.

**Courses:** IF94, IF95, IF96, IX95, IX96

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

#### ► KCP361 ADVERTISING CREATIVE: ELECTRONIC AND PRINT MEDIA

This unit develops core skills in the creative production of advertising for key electronic and print media: TV, radio, cinema, interactive, paper, print, magazine, and outdoors. It examines the following: how creative advertisers use these media principles for creating effective advertisements; the media influence in the creative process; how to present concepts for each medium; the roles, steps and components of creative advertising production. Through this process, students expand their understanding of and skills in developing advertisements for the key electronic and print mediums.

**Courses:** IF94, IX95, IX96

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KCP362 ADVERTISING CREATIVE: COPYWRITING AND ART DIRECTION

Copywriting and art direction are fundamental to creative advertising practice. Both tasks exist at the front end of advertising: copywriters and art directors help to bring advertising campaigns to life through creative concept development, writing, and liaising with both clients and artists. This unit builds on the introductory creative advertising units. It examines contemporary advertising theory and practice and develops practical skills in writing and art directing. Case studies examine a wide range of advertising campaigns, including campaigns to sell products, corporate reputations, and not-for-profit organisations.

**Courses:** IF94, IF95, IF96, IX95, IX96

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KDB106 DANCE ANALYSIS

This unit includes a study of the analysis of dance through a concentration on the dance as text and a study of various international historical contemporary works.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KDB114 AUSTRALIAN DANCE

This unit includes Australian dance: a study of the ritual, artistic and social functions of dance in contemporary Australian society.

**Courses:** Open Elective, KD25, KD32, IX05, IX06, IX07, IX08

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KDB117 DANCE IN EDUCATION

This unit includes a practical introduction to philosophies and practices in dance education. The areas of choreography, performance and appreciation are explored as students develop basic teaching and reflective practice skills. This unit is appropriate for students planning to teach dance in the primary, secondary, community or studio context.

**Courses:** KD32, KT32, IX05, IX06, ED51, ED53, ED91, ED96

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KDB125 DECONSTRUCTING DANCE IN HISTORY**

This unit includes a study of various international, historical and contemporary contexts of dance as art. It focuses on romanticism, classicism, modernism and post-modernism.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KDB158 DANCE AND TECHNOLOGY 1**

This unit includes modes of choreographic communication: discussion of aesthetic questions that have emerged out of the last major choreographic movements and collaborative practices encouraged with specific focus on digital technologies.

**Courses:** KD25, KD32

**Prerequisites:** Minimum grade of 5 in KDX145  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KDB159 DANCE AND TECHNOLOGY 2**

This unit includes a major choreographic project for public performance. It involves the exploration of aesthetic and artistic values in collaborative processes and making new work with technology.

**Courses:** KD25, KD32 **Prerequisites:** KDB158  
**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KDB171 THEATRE DANCE STYLES**

This unit includes character, jazz and tap styles - essential steps and various combinations.

**Courses:** IX05, KD25, KD32

**Contact hours:** 4.5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KDB172 WORLD DANCE**

This unit includes exposure to a range of culturally specific dance styles through practical workshops and a theory component providing contextual background to the styles taught.

**Courses:** CI Open Elective

**Contact hours:** 2.5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KDB176 POPULAR DANCE STYLES**

This unit includes the history and sociology of popular dance and dance in musical theatre and other commercial contexts. Basic technique and steps in a range of popular dance styles from Ragtime to Funk are part of the course

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KDB180 DANCE TECHNIQUE STUDIES 1**

This unit involves practical dance classes as ongoing Action Research.

**Courses:** IX05, KD25, KD32

**Contact hours:** IX05, KD32: 9 per week; KD25, KD32: 13.5 per week  
**Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KDB181 DANCE TECHNIQUE STUDIES 2**

This unit involves practical dance classes as ongoing Action Research.

**Courses:** IX05, KD25, KD32

**Contact hours:** IX05, KD32: 8 per week; KD25: 13.5 per week  
**Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KDB182 DANCE TECHNIQUE STUDIES 3**

This unit involves practical dance classes as ongoing Action Research.

**Courses:** IX05, KD25, KD32

**Contact hours:** IX05, KD32: 8 per week; KD25: 13.5 per week  
**Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KDB183 DANCE TECHNIQUE STUDIES 4**

This unit involves practical dance classes as ongoing Action Research.

**Courses:** IX05, KD25, KD32

**Contact hours:** IX05, KD32: 6 per week; KD25: 13.5 per week  
**Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KDB189 DANCE ASSESSMENT AND REPORTING**

This unit relates current theoretical issues in assessment to the unique challenges of dance assessment. Students explore a range of assessment procedures, methods and strategies to support quality and equity in dance assessment at all levels.

**Courses:** KD05, KD06, KD16, KD17

**Credit points:** 12  
**Campus:** EXT **Sem:** 2

**► KDB190 PROFESSIONAL PRACTICE AND BUSINESS ADMINISTRATION FOR DANCE TEACHERS**

This unit considers the implications of Dance Industry Code of Ethics (1987) for teaching and learning in dance. This unit also includes practical and useful materials for the effective and efficient operations of a business in dance teaching by relating current small business management practices to the specific organisational needs and requirements for dance teaching businesses.

**Courses:** KD05, KD06, KD16, KD17

**Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

**► KDB191 DANCE TEACHING METHODOLOGIES**

This unit provides students with the opportunity to investigate and explore dance teaching issues relevant to their own teaching context. The unit materials include strategies and models for planning and implementing dance lessons and curriculum, catering for the diverse learning needs of students and managing the classroom as a complex social environment.

**Courses:** KD05, KD06, KD16, KD17

**Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

**► KDB192 STAGECRAFT AND COSTUME DESIGN FOR DANCE**

This unit provides opportunities to investigate the principles of design as they relate to the visual environment of a dance performance / production. It considers principles and theoretical issues relevant to design for stage and video, stimulating and innovative examples of visual designs for dance performance and practical information for production/planning and budgeting.

**Courses:** KD06, KD16, KD17

**Credit points:** 12  
**Campus:** EXT **Sem:** 2

**► KDB193 DANCE PROJECT 1A**

This unit is designed for students to investigate their practice as a dance performer and/or creator via an interdisciplinary and collaborative project. Projects may be self-devised or alternatively students may contribute to creative projects involving new work. In addition to the project proposal and their realisation, the unit comprises a reflective practice written assignment and the maintenance and development of technical dance skills.

**Courses:** KD25 **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KDB195 DANCE TEACHING STUDIES 1**

This unit examines basic theoretical understandings and practical skills to support and enhance students' ability to plan for, manage and promote effective and safe learning in dance classes.

**Courses:** KD05, KD06, KD16, KD17

**Contact hours:** 1 week full-time residency in Summer Semester  
**Credit points:** 12  
**Campus:** KG **Sem:** 3

**► KDB196 DANCE TEACHING STUDIES 2**

The theory of choreography and the basic skills of crafting choreography form the basis of study in this unit. This unit also provides students with the opportunity to investigate current research relating to teaching for performance. Issues such as psychology of performance and pacing of dance training are addressed.

**Courses:** KD06, KD17

**Contact hours:** 1 week full-time residency in Summer Semester  
**Credit points:** 12  
**Campus:** KG **Sem:** 3

**► KDB197 DANCE ANALYSIS AND DANCE HISTORIES**

This unit examines aesthetic theory and analysis models that assist students to respond to and reflect upon dance. Students apply this understanding to the research and analysis of dances in context.

**Courses:** KD05, KD06, KD16, KD17

**Credit points:** 12  
**Campus:** EXT **Sem:** 2

**► KDB198 SAFE DANCE PRACTICE**

This unit provides students with the knowledge and understanding of the information regarding safe dance practices. Practical activities focus on the implications of current research in safe dance practice to dance teaching and learning. The content of this unit reflects a holistic approach to training in dance by considering a diverse range of issues such as basic anatomy and physiology, the use of imagery in dance training, injury prevention and management strategies, nutrition and lifestyle management.

**Courses:** KD05, KD06, KD16, KD17

**Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

**► KDB199 DANCE PROJECT 1B**

This unit is designed for students to investigate their practice via a performative and creative project. Interdisciplinary and collaborative projects are encouraged. Projects may be self-devised or alternatively students may contribute to a creative/choreographic project involving new work. In addition to the project and its realisation, the unit comprises written reflective practice and the maintenance and development of technical dance skills.

**Courses:** KD25 **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KDB221 INTEGRATED PROFESSIONAL SKILLS**

This is an integrated program building specific practical and psychological skills and strategies for career development and enhancement.

**Courses:** KD32, KD25, IX05

**Contact hours:** 2.5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KDB429 DANCE CURRICULUM STUDIES 2**

This presents advanced practical applications in assessment, curriculum planning and teaching/learning strategies relevant to dance education.

**Courses:** IF75, IF76, IF77, IF78, KD32, KT32, ED55

**Prerequisites:** KDB421  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KDN002 PROFESSIONAL PRACTICE PROJECT**

This unit aims to provide a context for students to apply and extend their developed teaching practices. As they devise, implement and evaluate a project relevant to their teaching context, students actively engage their skills and understandings as teacher artists. Students are also supported to enhance their skills as reflective practitioners as they critically analyse and evaluate their professional practice.

**Courses:** KD42 **Credit points:** 24  
**Campus:** EXT **Sem:** 1, 2

**► KDP104 SAFE DANCE PRACTICE**

This unit provides students with the knowledge and understanding of the information regarding safe dance practices. Practical activities focus on the implications of current research in safe dance practice to dance teaching and learning. The content of this unit reflects a holistic approach to training in dance by considering a diverse range of issues such as basic anatomy and physiology, the use of imagery in dance training, injury prevention and management strategies, nutrition and lifestyle management.

**Courses:** KD35, KD36, KD42 **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

**► KDP105 DANCE ANALYSIS AND DANCE HISTORIES**

This unit examines aesthetic theory and analysis models that assist students to respond to and

reflect upon dance. Students apply this understanding to the research and analysis of dance in context.

**Courses:** KD35, KD36, KD42 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

#### ► KDP180 DANCE TEACHING STUDIES 1

This unit examines theoretical understandings and practical skills to support and enhance students' ability to plan for, manage and promote effective and safe learning in dance classes.

**Courses:** KD35, KD36, KD42

**Contact hours:** 1 week full-time residency in Summer semester

**Credit points:** 12

**Campus:** KG

**Sem:** 3

#### ► KDP181 DANCE TEACHING STUDIES 2

The theories of choreography and the skills of crafting choreography form the basis of study in this unit. This unit also provides students with the opportunity to investigate current research relating to the teaching for performance. Issues such as psychology of performance and pacing of dance training are addressed.

**Courses:** KD36, KD42

**Contact hours:** 1 week full-time residency in Summer semester

**Credit points:** 12

**Campus:** KG

**Sem:** 3

#### ► KDP189 DANCE ASSESSMENT AND REPORTING PROCEDURES

This unit relates current theoretical issues in assessment to the unique challenges of dance assessment. Students explore a range of assessment procedures, methods and strategies to support quality and equity in dance assessment at all levels.

**Courses:** KD35, KD36, KD42

**Credit points:** 12

**Campus:** EXT

**Sem:** 2

#### ► KDP190 PROFESSIONAL PRACTICE AND BUSINESS ADMINISTRATION FOR DANCE TEACHERS

This unit considers the implications of Dance Industry Code of Ethics (1987) for teaching and learning in dance. The unit includes practical and useful materials for the effective and efficient operations of a business in the dance teaching by relating current small business management practices to the organisational needs and requirements for dance teaching businesses.

**Courses:** KD35, KD36, KD42

**Credit points:** 12

**Campus:** EXT

**Sem:** 1, 2

#### ► KDP191 DANCE TEACHING METHODOLOGIES

This unit provides students with the opportunity to investigate and explore dance teaching issues relevant to their own teaching context. The unit materials includes strategies and models for planning and implementing dance lessons and curriculum, catering for the diverse learning needs of students, and managing the classroom as a complex social environment.

**Courses:** KD35, KD36, KD42

**Credit points:** 12

**Campus:** EXT

**Sem:** 1, 2

#### ► KDP192 STAGECRAFT AND COSTUME DESIGN FOR DANCE

This unit provides opportunities to investigate the principles of design as they relate to the visual environment of a dance performance/production. It considers principles and theoretical issues relevant to design for stage and video, stimulating and innovative examples of visual designs for dance performance and practical information for production/planning and budgeting.

**Courses:** KD36, KD42

**Credit points:** 12

**Campus:** EXT

**Sem:** 2

#### ► KDX104 ARCHITECTURE OF THE BODY

This unit focuses on experiential awareness of the body, including an introduction to a working knowledge of anatomy, kinesiology and the movement potential of the body, both in theory and practice. For students in KI25 and KF25, a component of the course explores the creative potential of movement through compositional tasks.

**Courses:** KD25, KD32, KF25, KI25, IX05, IX06, IX07, IX08

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► KDX111 PERFORMANCE 1

This studio based unit consists of a creative process through rehearsals and classes with choreographers, rehearsal directors and teaching staff leading to a studio and public performance.

**Courses:** KD25

**Contact hours:** 8 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► KDX112 PERFORMANCE 2

This studio-based unit consists of a creative process through rehearsal directors and teaching staff leading to a studio and public performance.

**Courses:** KD25

**Prerequisites:** KDX111

**Contact hours:** 8 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► KDX141 PERFORMANCE 3

This studio based unit consists of a creative process through rehearsals and classes with choreographers, rehearsal directors and teaching staff leading to a studio and public performance.

**Courses:** KD25

**Prerequisites:** KDX112

**Contact hours:** 8 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► KDX142 PERFORMANCE 4

This studio based unit consists of a creative process through rehearsals and classes with choreographers, rehearsal directors and teaching staff leading to a studio and public performance.

**Courses:** KD25

**Prerequisites:** KDX141

**Contact hours:** 8 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► KDX143 CHOREOGRAPHIC STUDIES 1

This unit introduces crafting skills and choreographic devices used in process of making dance work. It includes the presentation of short solo or group work.

**Courses:** KD25, KD32, IX05, IX06, IX07, IX08

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► KDX144-1 CHOREOGRAPHIC STUDIES 2

This unit includes practice and performance of choreographic work employing choreographic skills in creation of movement material, form and style. Clarity of intention is major focus. This is a year long unit. Students must enrol in KDX144-2 in the second semester to complete the unit.

**Courses:** KD25, KD32, IX05

**Prerequisites:** KDX143

**Contact hours:** 2 per week

**Credit points:** 6

**Campus:** KG

**Sem:** 1

#### ► KDX144-2 CHOREOGRAPHIC STUDIES 2

This unit includes practice and performance of choreographic work employing choreographic skills in creation of movement material, form and style. Clarity of intention is major focus.

**Courses:** KD25, KD32, IX05

**Prerequisites:** KDX144-1

**Contact hours:** 2 per week

**Credit points:** 6

**Campus:** KG

**Sem:** 2

#### ► KFB056 PROFESSIONAL STUDIES (FASHION)

This unit prepares students for the transition into the real world, by equipping them with an understanding of law as a regulator of business. In order to flourish as an entrepreneurial creative practitioner, it is essential that students understand the legal implications of their decisions and actions and those of others with whom they work or trade. This unit forms part of the final year of study so students can apply the knowledge acquired within their workplace and incorporate the learning from this unit into their planning and preparation for graduation.

**Courses:** KF25

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► KFB401 DESIGN STUDIO 1

The sequence of six Design Studio units is fundamental to the course and focus on the integration of design principles with the practical skills and understandings of pattern technology, garment

design and construction. Alongside the acquisition of design skills, it is essential for successful fashion designers of the future to understand the context of their practice, situated within a history and an industry that is international in scope.

**Courses:** KF25

**Contact hours:** 12 per week

**Credit points:** 24

**Campus:** KG

**Sem:** 1

#### ► KFB402 DESIGN STUDIO 2

This unit aims to build on skills acquired in KFB401 with a more advanced study of design and colour theory, techniques of pattern construction, and grading and methods of garment manufacture.

**Courses:** KF25

**Contact hours:** 12 per week

**Credit points:** 24

**Campus:** KG

**Sem:** 2

#### ► KFB403 DESIGN STUDIO 3

The sequence of six Design Studio units is fundamental to the course and focuses on the integration of design principles with the practical skills and understandings of pattern engineering and garment design and construction. These skills need to be scaffolded by the acquisition of business and entrepreneurial acumen if potential is to be realised in real work industry environments. This unit seeks to develop the theoretical and applied knowledge, skills and attitudes that will support and enhance creative practice through an introduction to market research, risk analysis and business planning.

**Courses:** KF25

**Contact hours:** 12 per week

**Credit points:** 24

**Campus:** KG

**Sem:** 1

#### ► KFB404 DESIGN STUDIO 4

This unit aims to further develop a combination of initiative, creativity and self-reliance, alongside the key skills of collaboration and working in teams within the context of an industry linked design project.

**Courses:** KF25

**Contact hours:** 12 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► KFB405 DESIGN STUDIO 5

This sequence of six Design Studio units is fundamental to the course and focuses on the integration of design principles with the practical skills and understandings of pattern engineering and garment design and construction. Design Studio in the final year allows students the opportunity to further immerse themselves in the development of their own product or range. Design Studio 5 acts as a stage one of the final project and forms the research and development phase of the project. During this unit, students formulate their final project for prototyping and completion in Design Studio 6.

**Courses:** KF25

**Contact hours:** 12 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► KFB406 DESIGN STUDIO 6

This unit is the capstone Design Studio unit and aims to provide students with the opportunity to synthesize their prior learning, within university and the workplace, through the production of a final year project. In this unit, students develop the confidence and ability to work with minimal supervision in preparation for graduation.

**Courses:** KF25

**Contact hours:** 20 per week

**Credit points:** 24

**Campus:** KG

**Sem:** 2

#### ► KFB407-1 TEXTILES (1/2)

Detailed knowledge of the materials, skills and processes available to the garment and textile industries is essential in the first year of study for the fashion designer. This is a year long unit. Students are to enrol in KFB407 2/2 in the second semester.

**Courses:** KF25

**Contact hours:** 2 per week

**Credit points:** 6

**Campus:** KG

**Sem:** 1

#### ► KFB407-2 TEXTILES (2/2)

This unit continues from KFB407 1/2. Detailed knowledge of the materials, skills and processes available to the garment and textile industries is essential in the first year of study for the fashion

designer. This is a year long unit. Students must have completed KFB407 1/2.

**Courses:** KF25

**Prerequisites:** KFB407-1

**Contact hours:** 2 per week **Credit points:** 6  
**Campus:** KG **Sem:** 2

#### ► KFB408 FASHION IN CONTEXT

In this unit, students analyse fashion trends and learn the influence of various factors that affect changes in fashion, including major designers.

**Courses:** KF25

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KFB410-1 RESEARCH SEMINAR (1/2)

In this unit, students expand their knowledge and experience through exposure to the work of specialists in the field while extending their knowledge of the national and international fashion world. This is a year long unit - students must complete KFB410 2/2 in the second semester.

**Courses:** KF25

**Contact hours:** 2 per week **Credit points:** 6  
**Campus:** KG **Sem:** 1

#### ► KFB410-2 RESEARCH SEMINAR (2/2)

In this unit, students expand their knowledge and experience through exposure to the work of specialists in the field while extending their knowledge of the national and international fashion world. This is a year long unit - students must complete KFB410/1 in the first semester.

**Courses:** KF25

**Contact hours:** 2 per week **Credit points:** 6  
**Campus:** KG **Sem:** 2

#### ► KFB411 ADVANCED TEXTILES

This unit builds on the knowledge of the materials and skills acquired in KFB407 and is planned for the design student who wishes further studies in the field of textile development and/or embellishment.

**Courses:** KF25

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KFB412 APPLIED PLANNING

This unit aims to provide students with an opportunity to identify relevant issues relating to their planned careers and to position themselves effectively for entry to industry, community-based projects or postgraduate study.

**Courses:** KF25

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KFB414 CROSS MEDIA DESIGN APPLICATIONS

The aim of this unit is to support students in cross disciplinary projects, either as part of a collaborative project or through individual cross disciplinary projects. The unit aims to provide students with an opportunity to extend their cross media design application skills.

**Courses:** KF25

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KFB415 DESIGN PROJECT

This unit is designed for the student who wishes to further advance non-traditional approaches to fashion or textile design or who wishes to continue collaboration with students in other Creative Industries disciplines on a design project.

**Courses:** KF25

**Prerequisites:** KFB411 or KFB414

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KIB056 PROFESSIONAL PRACTICE

This unit prepares the student for industry via immersion within a project-based environment and construction of a professional graduate portfolio. This authentic learning is supported by discussion of employment opportunities within the communication design sector, informed by industry professionals.

**Courses:** KI32, KI25, IF90

**Prerequisites:** KIB805

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KIB056-1 PROFESSIONAL PRACTICE (1/2)

This unit prepares the student for industry via immersion within a project-based environment, and construction of a professional graduate portfolio. This authentic learning is supported by discussion of employment opportunities within the communication design sector, informed by industry professionals. This is a year long unit.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB812

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KIB056-2 PROFESSIONAL PRACTICE (2/2)

This unit prepares the student for industry via immersion within a project-based environment and construction of a professional graduate portfolio. This authentic learning is supported by discussion of employment opportunities within the communication design sector, informed by industry professionals. This is the second part of a year long unit.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB056-1

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KIB301 INTRODUCTION TO PROGRAMMING FOR 3D

This is a unit which focuses on production technique. It is based in animation production as a foundation for developing professionals who can program by creating new tools and processes for the 3D graphics environment.

**Courses:** KI26

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KIB303 MODELLING AND TEXTURING FOR GAME DESIGN

This is a unit which emphasises production within practice. It uses the 3D computer game environment as a space for exploring a complex set of tasks and techniques specific to the needs and the requirements of real-time graphical displays. Practice is simulated to demonstrate the workflows, processes and core problems specific to this environment.

**Courses:** KI26

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KIB304 PARTICLES FOR VISUAL EFFECTS 1

This is a unit which emphasises production within practice. It uses the cinematic environment to create effects for motion picture or game simulations. It combines technique with context to guide the creation of programmatically driven particles and fields, in the generation of animated computer graphics.

**Courses:** KI26

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KIB305 ANIMATION AND CHARACTER SET-UP

This is a unit which emphasises production in a practice environment. By demonstrating industry standard practices of nomenclature, process, implementation and delivery, students gain an understanding of the interrelated areas of creation and production and their relationship to practice.

**Courses:** KI26

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG

#### ► KIB306 SURFACE, SHADERS, LIGHTING FOR 3D

This unit emphasises production in a practice environment. It uses the practice environment to demonstrate how students can connect knowledge of the digital realm with industry standards. In this environment, students develop their communication skills and are guided to become effective leaders in the creation of content.

**Courses:** KI26

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG

#### ► KIB308 COMPOSITING FOR VISUAL EFFECTS

This unit emphasises production in a practice environment. It uses film technique as a basis for developing professionals who can translate their

animated content into a final production landscape. Practice is simulated to demonstrate the complex relationships between creation and production.

**Courses:** KI26

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG

#### ► KIB801 FOUNDATIONS OF COMMUNICATION DESIGN 1

Communication Design deals with the synthesis of image and text in the creation and presentation of meaning. This unit introduces students to the principles, conventions and practices of visual communication.

**Courses:** KI25, KI32, IF90

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KIB802 FOUNDATIONS OF COMMUNICATION DESIGN 2

This unit further develops interface design skills for communications technologies including design priorities, visual systems, refinement of concepts, project analysis and problem solving through presentation models.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB801

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KIB803 TEMPORAL MEDIA

This unit is directed at exploring the creative potential of temporal media forms and their placement and use within new media works. Students are introduced to notions of temporality, spatiality and navigation and work in a variety of media to explore speculative creative works.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB802

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KIB804 3-D ANIMATION 1

This unit addresses technical and theoretical issues arising from the development of 3-D animated characters. The unit introduces students to the principles of character animation within virtual spaces, addressing issues such as character rigging, modelling, texturing and lighting, cinematography, acting, staging and performance.

**Courses:** KI25, KI32, KI43, IF90

**Prerequisites:** KIB808

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KIB805 DESIGN PROJECT A

This unit investigates the theoretical foundations and creative processes underpinning interdisciplinary new media projects by analysing the recursive relationships between design, narrative, science and technology.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB802 or KIB804, KIB808

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KIB806 DESIGN PROJECT B

This unit provides a critique forum for individual final projects. Each student is required to produce a final project indicative of their field of studies. NOTE: This unit is 24 credit points.

**Courses:** KI25, KI32

**Prerequisites:** KIB805  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KIB807 MEDIA TECHNOLOGY 1

This unit provides an introduction to theories and skills underpinning the application of multimedia technology within the Creative Industries, providing a foundation of conceptual and practical skills related to contemporary modes of electronic hypermedia production, communication and publishing.

**Courses:** KI25, KI32, IF90

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KIB808 MEDIA TECHNOLOGY 2

This unit explores multimedia development and design concepts and practices and investigates cinematic language and interactive media design principles. Digital video and interaction design are introduced in the context of narrative, interactivity and applications of digital media.

**Courses:** KI25, KI32, IF90



**Prerequisites:** KIB807 or KKB818

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIB809 INTERACTION DESIGN

Interaction Design introduces students to new media and technology tools for communication and everyday use. Interaction design defines a cultural approach to aesthetics, culture and technology by investigating, systems objects, environments and their inter-relationships. Interaction designers use design methodologies for planning applications that meet audience needs, serve specific purposes, and can be applied to suitable contexts.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB808, KIB802 or KIB811

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KIB810 INFORMATION ARCHITECTURE

This unit provides an introduction to Web application design and computer network communication. It emphasises computer programming and object orientated analysis and design.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB808, KIB802 or KIB811, KIB809

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KIB811 VISUAL INTERACTIONS

To be a successful practitioner in the creative industries, students will be required to have knowledge and skills that enable visual communication of concepts and the production of various visual formats for a range of settings. By investigating past and current shifts in the representation of both the still and moving image, this unit provides a foundation for further studies in the field of Communication Design and the broader Creative Industries.

**Courses:** KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KIB812 INTERDISCIPLINARITY FOR THE CREATIVE INDUSTRIES

This unit presents methodologies for achieving interdisciplinary practice within project-based environments. These environments encourage the use of tools, techniques, and modes of expression to achieve effective collaborative project work.

**Courses:** KI25, KI32, IF90

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIB812-1 INTERDISCIPLINARITY FOR THE CREATIVE INDUSTRIES

This unit presents methodologies for achieving interdisciplinary practice within project-based environments. These environments will encourage the use of tools, techniques, and modes of expression to achieve effective collaborative project work. This is a year long unit.

**Courses:** KI25 - Sound Design pathway

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KIB812-2 INTERDISCIPLINARITY FOR THE CREATIVE INDUSTRIES

This unit presents methodologies for achieving interdisciplinary practice within project-based environments. These environments encourage usage of tools, techniques, and modes of expression to achieve effective collaborative project work. This is a year long unit.

**Courses:** KI25 - Sound Design pathway

**Prerequisites:** KIB812-1

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIB813 CONTEMPORARY ISSUES IN DESIGN AND TECHNOLOGY

As inhabitants of cultures increasingly driven by technology, it is in all interest to be aware of potential and implications of technological change. This unit is designed to encourage students to reflect upon and to analyse current inter-connections between technology, design and society, and to provide tools to perform these activities effectively.

**Courses:** KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

### ► KIB814 ENABLING IMMERSION

As creative practitioners within a highly networked technological society, it is important to develop a critical understanding of how the application of technology influences modes of communication, production processes and creative practices, particularly within the Creative Industries. This unit provides an introductory overview of the philosophies underlying applications of technology, and critically examines current applications in order to explore creative visions of future technology.

**Courses:** KI32, KK32 **Prerequisites:** KKB818

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KIB815 INTER-FACING MEDIA

This unit follows on from KIB809 Interaction Design focusing on study in the field of Interaction Design including human computer interaction concepts, principles and methodologies involved in the design and development of interactive media.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB809

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIB817 PROJECT MANAGEMENT

This unit serves as an introduction to project management and how it relates to software development and new media production. It makes use of various concepts and techniques to achieve a successful project outcome: defining project brief/scope and boundaries.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB809 or KIB804 or KIB802

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIB819 ELECTRONIC PUBLISHING

This unit is concerned with the theories, concepts and methodologies that underpin electronic publishing, emphasising the conceptual and analytical skills required to develop successful online publications within the context of Creative Industries.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB810

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KIB820 3-D ANIMATION 2

This unit addresses the integration of virtual characters in live action backgrounds and/or live action characters against virtual backgrounds. Issues of compositing, shot development, effects work and virtual economies are introduced. Study areas include colour theory, cinematography, efficient modelling and rendering, compositing, staging, character and scene creation, and methods of output. Successful completion of KIB804 (3d animation 1) is a pre-requisite.

**Courses:** KI25, KI32

**Prerequisites:** KIB304  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIB821 MIXED REALITIES

This unit investigates the field of Virtual Reality looking at the history and related theory of this emerging interactive media. This material supports practical activities that directly address current practice in the field.

**Courses:** KI25, KI32, IF90

**Prerequisites:** KIB809, KIB804

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIB822 INFORMATIONAL ARTS

This unit finds a focus on the production of interactive projects, informed by the filmic processes developed in KIB803 and interaction design as covered in KIB809/KIB815. KIB822 looks at devising interactive, nonlinear approaches that draw upon these skills, with a focus upon concept development: creative and design processes; interactive techniques and styles; advanced digital video/media production; post production.

**Courses:** KI25, KI32

**Prerequisites:** KIB815, KIB803

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KIB823 DESIGN PRACTICE

With the approval of the Unit Coordinator, the student undertakes an activity within the context of a group project in the field of Communication Design. Access to this unit is reserved for students who have demonstrated an outstanding level of self-directed learning and high level of requisite skills.

**Courses:** KI25, KI32, IF90

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIB825 ANIMATION PRACTICES

The unit is an introductory examination of the development of animation. It addresses social, cultural, economic and technological themes that have shaped notable practitioners and established animation as a significant medium for the expression of popular culture, artistic experiment and philosophical, social and political comment.

**Courses:** KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIB826 3-D ANIMATION 3

The unit provides the student with the opportunity to pursue advanced studies in three-dimensional modelling and animation, in the context of the creation of synthetic characters, after successful completion of KIB820.

**Courses:** KI25

**Prerequisites:** KIB820  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KIB860-1 PROJECT

This unit serves as final project seminar which brings together the creative issues, media and organisational skills taught throughout the Communication Design and Information Technology courses. In this unit, students develop new media projects in response to briefs from faculty, university or industry. The unit is structured so that students present their ideas, document the project, and then continue to present project progress throughout the semester. The unit provides the basis for a major portfolio work to be presented to peers and industry professionals for assessment. This is a year long unit. Students are required to complete KIB860/2 in second semester.

**Courses:** IF90

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KIB860-2 PROJECT

This unit serves as final project seminar which brings together the creative issues, media and organisational skills taught throughout the Communication Design and Information Technology courses. In this unit, students develop new media projects in response to briefs from faculty, university or industry. The unit is structured so that students present their ideas, document the project, and then continue to present project progress throughout the semester. The unit provides the basis for a major portfolio work to be presented to peers and industry professionals for assessment. This is a year long unit. Students are required to complete KIB860/1 in first semester.

**Courses:** IF90

**Prerequisites:** KIB860-1  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIN809 INTERACTION DESIGN

This unit provides an introduction to the field of interaction design including human computer interface design concepts, and principles and methodologies involved in the design and development of interactive media.

**Courses:** KI36, KI43

**Prerequisites:** KIN818, KIN808

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIN810 INFORMATION ARCHITECTURE

This unit provides an introduction to Web application design and computer network communication. It emphasises computer programming and object orientated analysis and design.

**Courses:** KI36, KI43

**Prerequisites:** KIN808, KIN818

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIN811 VISUAL INTERACTIONS

To be a successful practitioner in the creative industries, students will be required to have knowledge and skills that enable visual communication of concepts and the production of various visual formats for a range of settings. By investigating past and current shifts in the representation of both the still and moving image, this unit provides a foundation for further studies in the field of Communication Design and the broader Creative Industries.

**Courses:** KI35, KI36, KI43

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KIN812 INTERDISCIPLINARITY FOR THE CREATIVE INDUSTRIES

This unit presents methodologies for achieving interdisciplinary practice within project-based environments. These environments encourage the use of tools, techniques, and modes of expression to achieve effective collaborative project work

**Courses:** KI35, KI36, KI43

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KIN817 PROJECT MANAGEMENT

This unit serves as an introduction to project management and how it relates to software development and new media production, making use of various concepts and techniques to achieve a successful project outcome defining project brief, scope and boundaries.

**Courses:** KI36, KI43

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KIN818 DIGITAL MEDIA

This unit provides an introduction to theories and skills underpinning the application of multimedia technology with the Creative Industries, providing a foundation of conceptual and practical skills related to contemporary modes of electronic hypermedia production, communication and publishing.

**Courses:** KI35, KI36, KI43

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG

### ► KIN851-1 DESIGN PROJECT (1/2)

Students enrolled in the Master of Creative Industries (Communication Design) are required to undertake a new media design project. The creative new media project should demonstrate an ability to apply academic and creative knowledge innovatively. The project relies on students synthesizing the communication design core knowledge with their existing experiences to produce innovative solutions to new media related problems.

**Courses:** KI43

**Prerequisites:** KIB812

**Contact hours:** 4 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1

### ► KIN851-2 DESIGN PROJECT (2/2)

Students enrolled in the Master of Creative Industries (Communication Design) are required to undertake a new media design project. The creative new media project should demonstrate an ability to apply academic and creative knowledge innovatively. The project relies on students synthesizing the communication design core knowledge with their existing experiences to produce innovative solutions to new media related problems.

**Courses:** KI43

**Prerequisites:** KIB812

**Contact hours:** 4 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1, 2

### ► KJB101 JOURNALISM INFORMATION SYSTEMS

This unit acquaints students with the uses journalists make of computers in their work: word-processing; personal information management; time management; gathering information for stories and journalism assignments by searching online and CD-ROM databases; analysing public records with spreadsheets; using email to interview sources found on Internet Bulletin Boards and in newsgroups, usergroups, and listservers.

**Courses:** KJ32, IF05, IF07, KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KJB120 NEWSWRITING

In this unit students learn to think like journalists: to evaluate events for their potential news value; to record interviews and perform other reporting tasks; to write news stories. It includes the evolution and theories of reporting.

**Courses:** KJ32, IF05, IF07, IF27, KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KJB121 JOURNALISTIC INQUIRY

This unit develops the basic skills learnt in Newswriting: generating story ideas; researching; conducting interviews; finding news values and news angles and applying them in a practical context. Students also learn about how practical newswriting skills fit into an online environment. Students are introduced to the rigours of deadlines and have opportunities to write stories related to different news rounds throughout the semester.

**Courses:** IF05, IF07, KJ32, KK32 (sub-major offering)

**Prerequisites:** KJB120, KJB101

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KJB130 FACTUAL TELEVISION

Factual programming constitutes an important growing area of variegated television making and output based on interdisciplinary teamwork often across domains. This unit mobilises these opportunities to explore and work on fact-based interdisciplinary projects, and to explore the genre and its contextual underpinnings.

**Courses:** KP32

**Prerequisites:** KPB275, KJB338

**Credit points:** 12 **Campus:** KG

### ► KJB224 FEATURE WRITING

Students conduct interviews and other research that they use to write Internet, newspaper and/or magazine articles that profile personalities or stories or that treat processes, events, and places to exploit their human-interest value. Undergraduate students may enrol in KJB224, while postgraduate students must take KJP224.

**Courses:** IF05, IF07, KJ32, KK32 (sub-major offering), KW32

**Prerequisites:** KJB120

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KJB232 RADIO AND TELEVISION JOURNALISM 1

This unit should be combined with KJP232. The practical and theoretical aspects of radio and television media are studied and applied through production of broadcast news programs. Students learn broadcast style and usage and the evaluation of television and radio products. Strong emphasis is placed on current affairs knowledge.

**Courses:** IF05, IF07, KJ32, KJ36, KJ35, KJ36.

**Prerequisites:** KJB121, KJB155

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KJB239 JOURNALISM ETHICS AND ISSUES

QUT Journalism supports the development of socially responsible, ethical journalists. KJB239 is a core journalism unit. It begins with an overview of western and eastern moral philosophical traditions and moves on to examine current journalistic practice in the context of Australian and international news media operations, regulatory bodies and the stance of professional journalism organisations. Students generate ethical dilemmas and work through them individually, making difficult decisions about issues such as invasion of privacy, protection of sources and conflict of interest. The impact of developing information and communication technologies is also addressed.

**Courses:** IF05, IF07, KJ32, KJ36, KK32 (sub-major offering)

**Prerequisites:** KJB121 **Corequisites:** KJB121

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KJB280 INTERNATIONAL JOURNALISM

This unit identifies, compares and analyses the diversity of journalistic practice in different countries and regions. Students look at historical conditions that have led to variations in journalism across the world, how different politico-economic systems affect journalistic activity, and how and why different news media take distinct approaches to covering world issues. Students develop the cross-cultural awareness and background knowledge required to identify story ideas, relate to sources and produce news reports in different countries and cultural environments.

**Courses:** IF05, IF07, KJ32, KJ35, KJ36, KK32 (sub-major offering), IF27

**Prerequisites:** KJB120

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KJB303 NEWS PRODUCTION

This advanced unit examines the activities of media industries and media firms. It addresses practical issues such as managing deadlines, planning and decision-making in the newsroom, leadership and motivation. Work is done in online journalism, newspaper production, radio and television.

**Courses:** IF05, IF07, KJ32

**Prerequisites:** KJB322, KJB338

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KJB322 DESKTOP PUBLISHING AND EDITING

This unit introduces basic copy editing and design principles for newspapers. These skills are incorporated with the latest electronic publishing technology with specific reference to newspapers. Students use agency copy from worldwide sources, and local reports in news and feature page design exercises. Exercises are provided in desktop publishing.

**Courses:** IF05, IF07, KJ32, KJ35, KJ36.

**Prerequisites:** KJB224

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KJB337 PUBLIC AFFAIRS REPORTING

This is an advanced reporting unit stressing the watchdog role of the news media and utilising investigative techniques, including computer-assisted reporting, Internet and other online searching. Students write news feature stories for possible publication, and engage in case study/role play exercises for understanding public events/processes and their relationships to news media. The unit is taught in three hour blocks over the first nine weeks of semester.

**Courses:** IF07, IF05, KJ32, KK32 (sub-major offering)

**Prerequisites:** KJB224

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KJB338 RADIO AND TELEVISION JOURNALISM 2

This unit includes the philosophy and formulation of radio and television news and current affairs, anchor techniques, and radio and television news production using computers.

**Courses:** IF05, IF07, KJ32.

**Prerequisites:** KJB232

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KJB339 FASHION AND STYLE JOURNALISM

This unit aims to develop a critical understanding of fashion and style journalism in a changing media environment, exploring both historical and global trends. It also offers an opportunity to produce and to critique appropriate editorial content. Where possible, the unit involves contact with leading fashion journalists and magazines such as Vogue Australia. On completing the unit students will know who does fashion journalism, what it is, where to find it, why it takes the forms it does, and how to do it.

**Courses:** KF25, KJ32, KJ35, KJ36, KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2



**► KJP105 THEORIES OF JOURNALISM**

This unit includes the following: a summary of the body of literature pertaining to the theories of journalism; identification of individual research interests; attention to the empirical traditions; summary of issues at an advanced level from journalists' perspectives through close reading of core texts.

**Courses:** KJ35, KJ36, KK51, KK53

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KJP120 NEWSWRITING**

In this unit, students learn to think like journalists: to evaluate events for their potential news value, to record interviews and perform other reporting tasks and to write news stories. It includes the evolution and theories of reporting.

**Courses:** KJ35, KJ36, KJ42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KJP121 JOURNALISTIC INQUIRY**

This unit develops the basic skills learnt in Newswriting: generating story ideas; researching; conducting interviews; finding news values and news angles, and applying them in a practical context. Students also learn about how practical newswriting skills fit into an online environment. Students are introduced to the rigours of deadlines and have opportunities to write stories related to different news rounds throughout the semester.

**Courses:** KJ35, KJ36, KJ42

**Prerequisites:** KJP120

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KJP224 FEATURE WRITING**

Students conduct interviews and other research that they use to write Internet, newspaper and magazine articles that profile personalities or that treat processes, events, and places to exploit their human-interest value. Undergraduate students may not enrol in KJP224; instead they can take KJB224.

**Courses:** KJ35, KJ36, KJ42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KJP232 RADIO AND TELEVISION JOURNALISM 1**

The practical and theoretical aspects of radio and television media are studied and applied through production of broadcast news programs. Students learn styles and use, and the evaluation of television and radio products. Strong emphasis is placed on current affairs knowledge.

**Courses:** KJ35, KJ36, KJ42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KJP301 GRADUATE PROJECT 1**

This 12-credit point unit is offered to Master's students to provide an opportunity for them to immerse themselves in specific professional issues in a major project related to journalism. Through a series of introductory seminars in theories and methodology, group or individual project opportunities, and one-to-one supervision of staff, students develop the knowledge, skills, experience and contacts to devise and research a major journalism project.

**Courses:** KJ42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KJP302 GRADUATE PROJECT 2**

This 12-credit point unit is offered to Master's students to provide an opportunity for them to immerse themselves in specific professional issues in a major project related to journalism. Under the supervision of a staff member, students develop the knowledge, skills, experience and contacts to devise and research a major journalism project.

**Courses:** KJ42

**Prerequisites:** KJP301 **Corequisites:** KJP301  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

KKB008 Narrative in the Creative Industries  
Successful communications in the creative industries rely upon narratives in various forms and genres, including visual, aural, written, spoken

and kinetic. This unit aims to develop students' understanding of narrative, and to facilitate their ability to use narrative techniques in their own areas of practice. Students are introduced to interdisciplinary examples of narrative forms and conventions and have the opportunity to develop practical outcomes from their academic study of story-telling.

**Courses:** CI Core Unit

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KKB018 CREATIVE INDUSTRIES**

This unit provides an overview of the creative industries as a major element of the global knowledge economy. It critically analyses issues such as the rise of a knowledge-based economy, technological convergence, globalisation, the rise of the creative class, intellectual property, and the relationship between creative and artistic practice and the commercial marketplace. The unit provides students with a basic understanding of the creative environment and the foundational skills to identify, explore, and address creative opportunities. It enables them to propose new and innovative ideas that use and extend the creative industries environment. The unit provides students with the foundational language and skills to critique and present creative industries ideas.

**Courses:** CI Core Unit

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KKB057 INDEPENDENT STUDY**

This unit is designed for those students who wish to investigate an area of study not centrally covered in their course and who wish to have the opportunity to construct and execute their own project. The project may either be theoretical in the field of scholarship or comprise practical discipline work. Collaborative projects involving other students are encouraged.

**Credit points:** 12

**Campus:** KG **Sem:** 1, 2

**► KKB201 PRIMARY CURRICULUM AND PEDAGOGIES: MUSIC, VISUAL ARTS & MEDIA**

Through both practical and theoretical contexts, students are introduced to curriculum planning and teaching in primary Visual Arts, Music and Media using The Arts Years 1 to 10 Syllabus (Queensland Studies Authority, 2002).

**Courses:** ED91, ED56, ED52, ED51, IF82, IF84

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KKB202 PRIMARY CURRICULUM & PEDAGOGIES: DANCE AND DRAMA**

Through both practical and theoretical contexts, students are introduced to curriculum planning and teaching in primary Dance and Drama using The Arts years 1 to 10 Syllabus (Queensland Studies Authority, 2002).

**Courses:** ED91, ED56, ED52, ED51, IF82, IF84

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KKB275 CREATIVE INDUSTRIES LEGAL ISSUES**

This unit introduces Creative Industries students to the law that applies to their professional practice and theoretical study. The unit aims to provide a foundational approach to general aspects of law as well as particular topics for students in these fields. The unit is based on a core set of lectures and tutorials offered in two strands: Strand 1 for Journalism and Media Communication; Strand 2 for other Creative practices.

**Courses:** KJ32, KC32, CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KKB320 WORKPLACE LEARNING**

It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during the final year of an undergraduate degree course at which time students are able to apply appropriate,

transferable skills to a workplace or professional context.

**Courses:** CI (undergraduate)

**Credit points:** 12

**Campus:** KG

**Sem:** 1, 2, 3

**► KKB330 WORKPLACE LEARNING**

It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during the final year of an undergraduate degree course at which time students are able to apply appropriate, transferable skills to a workplace or professional context.

**Courses:** CI (undergraduate)

**Credit points:** 24

**Campus:** KG

**Sem:** 1, 2, 3

**► KKB340-1 WORKPLACE LEARNING**

It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during the final year of an undergraduate degree course at which time students are able to apply appropriate, transferable skills to a workplace or professional context. This is a year long unit.

**Courses:** CI (undergraduate) **Credit points:** 12

**Campus:** KG

**Sem:** 1

**► KKB340-2 WORKPLACE LEARNING**

It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during the final year of an undergraduate degree course at which time students are able to apply appropriate, transferable skills to a workplace or professional context. This is a year long unit.

**Courses:** CI (undergraduate) **Credit points:** 12

**Campus:** KG

**Sem:** 2

**► KKB390 SUPERVISED PROJECT**

For this unit, students undertake a project with the approval of the Head of Discipline in Film and Television, Journalism, Media Communication or in special cases only, in Creative Writing and Cultural Studies. In Media and Communication, this unit is available only if appropriate staff and resources are available.

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1, 2

**► KKB418 CULTURES AND CREATIVITY**

This unit has been designed to provide students with the cultural and creative literacy skills necessary to explore and participate in the creative industries. It enables students to use writing, design, production and performance skills to explore the relationships between creativity and cultures, including indigenous, multicultural and international perspectives. The following topics are included in the unit: consumer culture and identity; cultures, creativity and the body; representations of space and time in different cultures; processes of creative production and reception.

**Courses:** CI Core Unit

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1, 2

**► KKB618 WRITING FOR CREATIVE INDUSTRIES**

This unit provides an overview of the main forms and genres of academic writing, such as description, narration and exposition. It assists students to write clearly and correctly and enables them to become comfortable with and confident in using various Creative Industries and academic writing genres.

**Courses:** CI Core Unit

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1, 2

► **KKB704 INDIGENOUS CREATIVE INDUSTRIES**

This unit is under review.

**Courses:** KK32

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **KKB818 INTRODUCTION TO MULTIMEDIA TECHNOLOGY**

Contemporary modes of electronic media production, publishing and communication within the Creative Industries require graduates to combine practical skills related to the use of technologies and processes with a conceptual understanding of these technologies and processes as relevant to various Creative Industries. These understandings and capabilities are developed in this unit. The unit requires students to have prior experience of the following: Windows and/or Macintosh operating systems; Word processing applications eg Microsoft Word or Word Perfect; electronic mail (email); the World Wide Web.

**Courses:** CI Core Unit

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

► **KKB914 VISUAL AND PERFORMING ARTS CURRICULUM 1**

The practical, intellectual, conceptual and aesthetic functions of the arts make them unique and essential modes of learning that contribute to a broad, balanced and relevant curriculum that addresses individual aptitudes and abilities. This subject introduces students to the arts as a circle of disciplines which share similar processes and fulfil related roles in the curriculum.

**Courses:** ED56, ED51, IF82 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

► **KKB916 ADV VISUAL AND PERFORMING ARTS CURRICULUM**

This unit addresses the following: the curriculum of dance, drama, music or visual arts to an advanced level; designing and implementing programs in one of the disciplines for the primary school; action research in the classroom to monitor and evaluate an arts curriculum project.

**Courses:** ED51

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **KKD018 CREATIVE INDUSTRIES**

This unit provides an overview of the creative industries as a major element of the global knowledge economy. It critically analyses issues such as the rise of a knowledge-based economy, technological convergence, globalisation, the rise of the creative class, intellectual property, and the relationship between creative and artistic practice and the commercial marketplace.

**Courses:** IF06

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** KKB018  
**Campus:** KG **Sem:** 1, 3

► **KKD418 CULTURES AND CREATIVITY**

This unit has been designed to provide students with the cultural and creative literacy skills necessary to explore and participate in the creative industries. It enables students to use writing, design, production and performance skills to explore the relationships between creativity and cultures, including indigenous, multicultural and international perspectives. The following topics are included in the unit: consumer culture and identity; cultures, creativity and the body; representations of space and time in different cultures; processes of creative production and reception.

**Courses:** IF06

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** KKB418  
**Campus:** KG **Sem:** 2

► **KKD618 WRITING FOR CREATIVE INDUSTRIES**

This unit provides an overview of the main forms and genres of academic writing, such as description, narration and exposition. It assists students to write clearly and correctly and enables them to become comfortable with and confident in using various Creative Industries and academic writing genres.

**Courses:** IF06

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** KKB618

**Campus:** KG

**Sem:** 2

► **KKD818 INTRODUCTION TO MULTIMEDIA TECHNOLOGY**

Contemporary modes of electronic media production, publishing and communication within the Creative Industries require graduates to combine practical skills related to the use of technologies and processes with a conceptual understanding of these technologies and processes as relevant to various Creative Industries. These understandings and capabilities are developed in this unit. The unit requires students to have prior experience of the following: Windows and/or Macintosh operating systems; Word processing applications eg Microsoft Word or Word Perfect; electronic mail (email); the World Wide Web.

**Courses:** IF06

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** KKB818

**Campus:** KG

**Sem:** 1, 3

► **KKN002 HONOURS GRADUATE SEMINAR**

This unit includes a seminar program of formal presentations of arts research projects by Honours students. Students also attend weekly presentations in the CIRAC seminar series.

**Courses:** KK52, KK53

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **KKN004-1 HONOURS PROJECT (1/5)**

The Honours project is the major component of the Honours year in Creative Industries. As the Honours year builds upon a completed undergraduate degree, the project gives students the opportunity to pursue in-depth project or dissertation-based work unavailable and inappropriate at undergraduate level. This work thus demonstrates advanced competence, skills or analytical ability in a chosen discipline and/or interdisciplinary skills or analytical ability. This unit has 5 components and all must be completed to obtain final 60 credit points.

**Courses:** KK52, KK53, KK54, KK55

**Credit points:** 12

**Campus:** KG

**Sem:** 1

► **KKN004-2 HONOURS PROJECT (2/5)**

See KKN004-1 for details.

**Courses:** KK52, KK53, KK54, KK55

**Prerequisites:** KKN004/1 **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **KKN004-3 HONOURS PROJECT (3/5)**

See KKN004-1 for details.

**Courses:** KK52, KK53, KK54, KK55

**Prerequisites:** KKN004/2 **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **KKN004-4 HONOURS PROJECT (4/5)**

See KKN004-1 for details.

**Courses:** KK52, KK53, KK54, KK55

**Prerequisites:** KKN004/3 **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **KKN004-5 HONOURS PROJECT (5/5)**

See KKN004-1 for details.

**Courses:** KK52, KK53, KK54, KK55

**Prerequisites:** KKN004/4 **Credit points:** 12  
**Campus:** KG **Sem:** 2

► **KKN007-1 RESEARCH PROJECT**

Students enrolled part-time or full-time in KK51 Master of Arts (Research) undertake a research project as the major component of their studies. This project may take the form of EITHER a research thesis OR a creative project accompanied by a written component. The creative project could include any of the following: an exhibition of visual art; a performance (dance, drama, music); choreography, script or score (dance, drama, music); a book-length work of fiction or non-fiction; a film or multi-media script or production. Units may be taken either one per semester or several per semester, depending on the enrolment pattern recommended by the School in the Course Summary Sheet. This is an eight part unit.

**Courses:** KK51

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

► **KKN007-2 RESEARCH PROJECT**

See KKN007-1 for details.

**Courses:** KK51

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

► **KKN007-3 RESEARCH PROJECT**

See KKN007-1 for details.

**Courses:** KK51

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

► **KKN007-4 RESEARCH PROJECT**

See KKN007-1 for details.

**Courses:** KK51

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

► **KKN007-5 RESEARCH PROJECT**

See KKN007-1 for details.

**Courses:** KK51

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

► **KKN007-6 RESEARCH PROJECT**

See KKN007-1 for details.

**Courses:** KK51

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

► **KKN007-7 RESEARCH PROJECT**

See KKN007-1 for details.

**Courses:** KK51

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

► **KKN007-8 RESEARCH PROJECT**

See KKN007-1 for details.

**Courses:** KK51

**Contact hours:** 1 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

► **KKN010-1 MFA PROJECT**

As a culminating exercise students are required to undertake a single artistic project of substance which demonstrates their ability to apply skills in the control of their art form. This project will be located in the studio and rehearsal room, and result in a major presentation of artistic practice, either as a performance or exhibition, and aligned with discipline expectations of a semester of full-time candidature. This is a four part unit.

**Courses:** KK42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **KKN010-2 MFA PROJECT**

See KKN010-1 for details.

**Courses:** KK42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **KKN010-3 MFA PROJECT**

See KKN010-1 for details.

**Courses:** KK42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **KKN010-4 MFA PROJECT**

See KKN010-1 for details.

**Courses:** KK42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **KKN011 ADVANCED PROFESSIONAL PRACTICE 1**

Students engage in autonomous professional development through systematic reflective practice by testing ideas and forms through creative practice. Work is planned, implemented and evaluated under the supervision of an appropriate academic staff member. Students are required to demonstrate control over the techniques, materials, resources and methods necessary to practice their discipline at Master level.

**Courses:** KK42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **KKN012 ADVANCED PROFESSIONAL PRACTICE 2**

Students engage in autonomous professional development through systematic reflective practice by testing ideas and forms through creative practice. Work is planned, implemented and evaluated under the supervision of an appropriate academic staff member. Students are required to demonstrate control over the techniques, materi-

als, resources and methods necessary to practice their discipline at Master level.

**Courses:** KK42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KKN013 ADVANCED PROFESSIONAL PRACTICE 3

Students engage in autonomous professional development through systematic reflective practice by testing ideas and forms through creative practice. Work is planned, implemented and evaluated under the supervision of an appropriate academic staff member. Students are required to demonstrate control over the techniques, materials, resources and methods necessary to practice their discipline at Master level.

**Courses:** KK42

**Contact hours:** 12 per week **Credit points:** 24  
**Campus:** KG **Sem:** 2

### ► KKN020 APPROACHES TO ENQUIRY IN THE CREATIVE INDUSTRIES

This unit covers those research strategies and methods of data collection most suited to the investigation and documentation of reflective practice. The research strategies covered include autobiography, action research, ethnography, participant observer, case study and creative practice as research. Students also participate in an academic protocols module which includes intellectual property, advanced information retrieval skills and academic honesty.

**Courses:** KK42, KK51, KK52, KK53, KK54, KK55

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KKN061 THE REFLECTIVE PRACTITIONER 1

This unit strengthens the capacities of candidates to work as reflective practitioners within the collaborative, action oriented and theoretically embedded settings which constitute the creative industries. As candidates do this, they are theorising on action, raising serious questions about their own practice, identifying the sources and patterns evident in their ideas and actions, and transforming the contexts of practice so that professional autonomy may be enhanced. KD42 Master of Creative Industries external students will be required to attend a 2 to 3 day residency in Brisbane.

**Courses:** KK48, KK49

**Contact hours:** 3 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1

### ► KKN062 THE REFLECTIVE PRACTITIONER 2

This unit provides for a thorough analysis of the reflective practitioner process as it applied to students and their colleagues during DCI Professional Project 1. Patterns of engagement and response in the workplace are analysed during a process of re-theorising and conceptual review. Conceptual reference points for analysing practice are extended by investigating theoretical frameworks from other fields which may assist in building a more complete understanding of an individuals creative work practices.

**Courses:** KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KKN065 PROJECT DEVELOPMENT IN THE CREATIVE INDUSTRIES

After examining a range of procurement options available across the creative industries the unit focuses on strategic alliances, cross cultural projects, performance measures and the management of IP. These topics are addressed within a framework for project development that is shaped by ethical theory.

**Courses:** KK48, KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KKN071 CREATIVE INDUSTRIES CONFERENCE 1

Two units (also KKN072) are dedicated to the reporting of research outcomes to a collegial group of peers, industry partners and fellow research students and peers. In writing and presenting reports to a publishable standard, candi-

dates report on aspects of their professional projects by drawing on the theoretical frameworks developed in the coursework together with their lived experience of project planning and implementation.

**Courses:** KK48, KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KKN072 CREATIVE INDUSTRIES CONFERENCE 2

Two units (also KKN071) are dedicated to the reporting of research outcomes to a collegial group of peers, industry partners and fellow research students and peers. In writing and presenting reports to a publishable standard, candidates report on aspects of their professional projects by drawing on the theoretical frameworks developed in the coursework together with their lived experience of project planning and implementation.

**Courses:** KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KKN200 GRADUATE SEMINAR

This unit is taken in the Masters of Arts (Research) program.

**Courses:** KK51

**Prerequisites:** KKN020

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KKN300-1 DCI PROFESSIONAL PROJECT 1 (1/4)

This unit involves independent supervised study at the doctoral level. The study is part of the candidate's professional project for doctoral examination and is undertaken in consultation with two project mentors. Candidates need to work to their professional project brief in undertaking this unit. This is a four part unit.

**Courses:** KK48, KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KKN300-2 DCI PROFESSIONAL PROJECT 1 (2/4)

See KKN300-1 for details.

**Courses:** KK48, KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KKN300-3 DCI PROFESSIONAL PROJECT 1 (3/4)

See KKN300-1 for details.

**Courses:** KK48, KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KKN300-4 DCI PROFESSIONAL PROJECT 1 (4/4)

See KKN300-1 for details.

**Courses:** KK48, KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KKN320 WORKPLACE LEARNING (12CP)

It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during the final year of an undergraduate degree course at which time students are able to apply appropriate, transferable skills to a workplace or professional context.

**Courses:** CI (Postgraduate)

**Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KKN330 WORKPLACE LEARNING (24CP)

It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during the final year of an undergraduate degree course

at which time students are able to apply appropriate, transferable skills to a workplace or professional context.

**Courses:** CI (postgraduate)

**Credit points:** 24  
**Campus:** KG **Sem:** 1, 2

### ► KKN340-1 WORKPLACE LEARNING

It is important that Creative Industries professionals gain real work experience in order to link university study with professional practice. Students need to equip themselves not only with skills and discipline knowledge but also with understandings and experience in order that they may function and flourish when they enter the workplace. This elective unit is offered during the final year of an undergraduate degree course at which time students are able to apply appropriate, transferable skills to a workplace or professional context. This is a year long unit.

**Courses:** CI (postgraduate) **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KKN340-2 WORKPLACE LEARNING

See KKN340-1

**Courses:** CI (postgraduate) **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KKN400-1 DCI PROFESSIONAL PROJECT 2 (1/4)

This unit involves independent supervised study at the doctoral level. The study is part of the candidate's professional project for doctoral examination and is undertaken in consultation with two project mentors. Candidates need to work to their professional project brief in undertaking this unit. This is a four part unit.

**Courses:** KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KKN400-2 DCI PROFESSIONAL PROJECT 2 (2/4)

See KKN400-1 for details.

**Courses:** KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KKN400-3 DCI PROFESSIONAL PROJECT 2 (3/4)

See KKN400-1 for details.

**Courses:** KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KKN400-4 DCI PROFESSIONAL PROJECT 2 (4/4)

See KKN400-1 for details.

**Courses:** KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KKN500-1 DCI PROFESSIONAL PROJECT 3 (1/4)

This unit involves independent supervised study at the doctoral level. The study is part of the candidate's professional project for doctoral examination and is undertaken in consultation with two project mentors. Candidates need to work to their professional project brief in undertaking this unit. This is a four part unit.

**Courses:** KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KKN500-2 DCI PROFESSIONAL PROJECT 3 (2/4)

See KKN500-1 for details.

**Courses:** KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KKN500-3 DCI PROFESSIONAL PROJECT 3 (3/4)

See KKN500-1 for details.

**Courses:** KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KKN500-4 DCI PROFESSIONAL PROJECT 3 (4/4)

See KKN500-1 for details.

**Courses:** KK49

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KKN600 ADVERTISING CREATIVE: MAJOR PROJECT**

This unit gives students the opportunity to take a creative director role in the production of a pitch for a transnational brand. The major project includes the development of three fundamental outcomes: a creative strategy for a major advertising campaign, an advertising campaign, and a rationale. Students are required to publish, exhibit or perform a formal presentation to relevant industry parties.

**Courses:** IX96 **Credit points:** 24  
**Campus:** KG **Sem:** 1

**► KKP107-1 DISSERTATION**

The culmination of the degree in Creative Writing Production, Film and Television Production, Journalism, or Media and Communication is that students apply the theory and research material covered in earlier units to explore in some depth an applied or theoretical topic in their chosen discipline area. The dissertation is normally based on information from secondary sources and consists of a written report of approximately 12,000 to 15,000 words.

**Courses:** KK51 **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KKP107-2 DISSERTATION**

See KKP107-1 for details.

**Courses:** KK51 **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KKP107-3 DISSERTATION**

See KKP107-1 for details.

**Courses:** KK51 **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KKP107-4 DISSERTATION**

See KKP107-1 for details.

**Courses:** KK51 **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KMB056 THE MUSIC INDUSTRY**

This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the arts workforce. It includes exploration of current issues in the arts, and development of professional skills including public speaking, meeting procedures and career management.

**Courses:** KM32 **Credit points:** 12  
**Prerequisites:** KMB635 or KMB637  
**Contact hours:** 3 per week  
**Campus:** KG **Sem:** 2

**► KMB101 MUSIC (PRIMARY/INSTRUMENTAL) CURRICULUM STUDIES 1**

This is a foundation study in Primary or instrumental music specialisation focusing upon the fundamentals of teaching, lesson planning, and developing a philosophy appropriate to music education practice.

**Courses:** IX07 **Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** KG **Sem:** 1

**► KMB102 MUSIC (PRIMARY/INSTRUMENTAL) CURRICULUM STUDIES 2**

**Courses:** IX07 **Prerequisites:** KMB101  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KMB201 MUSIC (SECONDARY) CURRICULUM STUDIES 1**

This is a foundation study in secondary music and sound curriculum focusing upon the fundamentals of teaching, lesson planning and developing a philosophy appropriate to music and sound education practice.

**Courses:** IX07 **Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** KG **Sem:** 1

**► KMB202 MUSIC (SECONDARY) CURRICULUM STUDIES 2**

**Courses:** IX07 **Prerequisites:** KMB201  
**Contact hours:** 3 per hour **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KMB616-1 GROUP MUSIC**

In this unit, students experience the cooperative interaction of music-making as a participant or a leader. This is a year long unit. A total of 12 credit points are awarded at the completion of KIM616-2.

**Courses:** KM32, IX07 **Credit points:** 6  
**Campus:** KG **Sem:** 1

**► KMB616-2 GROUP MUSIC**

See KMB616-1.

**Courses:** KM32, IX07 **Credit points:** 6  
**Campus:** KG **Sem:** 1, 2

**► KMB617 ARRANGING**

This unit explores arranging techniques for vocal combinations and genres.

**Courses:** KM32, IX07, KM35, KM36, KM42  
**Prerequisites:** KMB630  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KMB618 SOUNDTRACKS FOR FILM AND TELEVISION**

This unit considers the development of programmatic compositional skills with particular reference to the impact of music on moving pictures, an understanding of SMPTE, and a study of film analysis with visual and/or thematic coding.

**Courses:** KM32, IX07  
**Prerequisites:** KMB619 or KMB633 or equivalent  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KMB619 MUSIC AND SOUND TECHNOLOGY**

This unit provides an introduction to the broad range of options available to the musician in the age of technology. Through the universal electronic language of MIDI, students explore sequencers as tools for composition as well as basics of sound. NOTE: Semester 1 offered to KM32, IX07, KM35, KM36, KM42 ONLY. Semester 2 offered to all others except those mentioned above.

**Courses:** KM32, IX07, KV25, KI25, KM35, KM36, KM42, KT32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KMB621 SOUND RECORDING AND ACOUSTICS**

This unit provides an introduction to the fundamentals of the physical world of sound, basic signal flow, sound recording and acoustics.

**Courses:** KM32, KI25, KI32, KS25, KS26, KT32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

**► KMB622 MULTI-INSTRUMENTAL MUSIC A**

Students engage in the study of two secondary instruments, necessary for the instrumental music teacher and professional doublers. Additionally a lecture/class discussion is utilised to reflect on a range of topics relevant to the study.

**Courses:** KM32, IX07 **Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** KG **Sem:** 2

**► KMB623 CONDUCTING**

This unit introduces students to a wide range of music and styles and assists them to achieve artistic objectives in music performance through conducting workshop activities including practical conducting, stylistic practices, repertoire and rehearsal and performance techniques.

**Courses:** KM32, IX07 **Prerequisites:** KMB633  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KMB626 MUSIC AND SOUND FOR MULTIMEDIA**

This unit deals with studio recording techniques, computer-assisted composition, the role of music in non-linear structures, the effect of sound in digital media productions, sound effects and Foley techniques, musical acoustics, and digital sound theory.

**Courses:** KM32  
**Prerequisites:** KMB621 or KMB619  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KMB628 MULTI-INSTRUMENTAL MUSIC B**

In this unit, students engage in the study of an instrument supplementary to their principal instrument, necessary for the instrumental music

teacher and professional doublers. Additionally, students undertake peer tutoring to small groups. A lecture/class discussion is utilised to reflect on a range of topics relevant to the study.

**Courses:** IX07 **Prerequisites:** KMB622  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KMB629-1 GROUP MUSIC B**

In this unit, students experience the cooperative interaction of music-making as a participant or a leader. As this is a year long unit, students must enrol in KMB629/2 in the second semester.

**Courses:** IF77, KM32, IX07  
**Prerequisites:** KMB616  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KMB629-2 GROUP MUSIC B**

In this unit, students experience the cooperative interaction of music-making as a participant or a leader. As this is a year long unit, students must complete KMB629/1 in the first semester.

**Courses:** IF77, KM32, IX07  
**Prerequisites:** KMB616  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KMB630 MUSIC TEXTURES**

This unit provides an introduction to the concepts of texture in music. The study of textural design has been enriched by recent developments in music technology, enabling music to be heard as pure timbre in the sound media. This unit includes the techniques of orchestration for small orchestral forms, and arranging techniques for jazz ensembles.

**Courses:** KM32, IX07 **Prerequisites:** KMB632  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KMB631 WORLD MUSIC**

In this unit, through a series of lectures, demonstrations and tutorials the student gains an awareness and better understanding of world music, its particular significance within Australia and its impact upon contemporary music.

**Courses:** CI Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KMB632 CORE MUSICIANSHIP 1**

In this unit, students develop a range of generic musical skills that are relevant to a broad range of musical contexts and environments. The unit focuses on the building blocks of a broad and inclusive musicianship and includes development of aural, analytical and compositional skills through lectures, tutorials and focused musical tasks and improvisation.

**Courses:** KM32, IX07  
**Contact hours:** 4.5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KMB633 CORE MUSICIANSHIP 2**

Continuing on from KMB632, students further develop a range of generic musical skills that are relevant to a broad range of musical contexts and environments. The unit focuses on musical language and context and includes the further development of aural, analytical and compositional skills through lectures, tutorials and focused musical tasks and improvisation.

**Courses:** KM32, IX07  
**Prerequisites:** KMB632  
**Contact hours:** 4.5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KMB634 CONTEMPORARY ART MUSIC MUSICIANSHIP**

This unit focuses on art music of the last 100 years and up to the present day. It integrates aural training, analysis, composition and context (music history) into a coherent package.

**Courses:** KM32, IX07  
**Prerequisites:** KMB633  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KMB635 SOUND MEDIA MUSICIANSHIP**

This unit offers an in-depth study of music as a sound phenomenon. It explores music through understanding the physics of sound, psycho-acoustics, spectro-morphology, and tools and techniques for sound manipulation. As a musi-

chianship unit, this exploration involves analysis, research and composition.

**Courses:** KM32, IX07

**Prerequisites:** KMB633

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KMB636 CROSS CULTURAL MUSICIANSHIP

Music operates in a complex cultural environment fuelled by increased communication and technology. In this unit, the student's ability to recognise, analyse and create music drawing from a diverse range of cultures is developed.

**Courses:** KM32, IF77, IX07

**Prerequisites:** KMB633

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KMB637 JAZZ AND POPULAR MUSICIANSHIP

This unit offers a study of the development of jazz and contemporary popular music through analysis, composition and complementary aural musicianship sessions.

**Courses:** KM32, IX07 **Prerequisites:** KMB633

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KMB638 SOUND AND IMAGE

This unit focuses on the rich and varied relationship between sound and image in a number of media and artforms, including film, music video, theatre, installation, mixed media performance and many more.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KMB640 SEX DRUGS ROCK N ROLL

Students gain an insight into the interaction between music and society by analysing the artistic, economic and political landscape of the diverse innovative music of the 21st century including rock and pop music, world music, dance music, indigenous music and new age music.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KMB648 THE MUSIC SCENE

This unit focuses on the relationship between particular social and cultural groups and the music that they choose to listen to or be involved with. Students have the opportunity to explore musical cultures of particular relevance to them within a broad analytical framework.

**Courses:** KM32, IX07

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KMB649 INTRODUCTORY MUSICIANSHIP

Students study improvisation and music production, undertake an extensive listening program and develop sound creative and conceptual skills. The unit is intended to stimulate both beginners and experienced musicians, adopting a fresh approach to the field.

**Courses:** KK32

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KMB650 INTRODUCTORY ENSEMBLE

This unit allows students to work in a QUT choral ensemble. The cooperative interaction of performance and other music-making activities is an essential ingredient in the training of the mature musician and one which will enhance both the individual and the group. The benefits reach into daily life and assist the student to better work in groups.

**Courses:** KK32, CI Open Elective

**Credit points:** 12 **Sem:** 2  
**Campus:** KG

### ► KMB651 MUSIC PERFORMANCE 1

This series of sequential units begins with the development of a secure and reliable technique on a principal instrument or voice. Content includes individual lessons and masterclasses, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** KM32, IX07

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KMB652 MUSIC PERFORMANCE 2

This unit continues the development of a secure and reliable technique on a principal instrument or voice. It includes individual lessons and masterclasses, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** KM32, IX07 **Prerequisites:** KMB651

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KMB653 MUSIC PERFORMANCE 3

This unit continues the development of a secure and reliable technique on a principal instrument or voice. It includes individual lessons and masterclasses, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** KM32, IX07 **Prerequisites:** KMB652

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KMB654 MUSIC PERFORMANCE 4

This unit includes individual lessons and masterclasses, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to the ensemble of choice.

**Courses:** KM32, IX07 **Prerequisites:** KMB653

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KMB655-1 MUSIC PERFORMANCE 5

This unit acknowledges that there is a broad range of activities and outcomes for music performers in the contemporary world of music and it is essential for musicians to position themselves wisely and appropriately within the field. This final year unit is intended to provide an array of music performance options to assist students in their future career in the music industry. This is a year long unit. Students must enrol in KMB655-2 in Semester 2.

**Courses:** KM32

**Prerequisites:** KMB654 or 96 credit points in KM32

**Credit points:** 24

**Campus:** KG

**Sem:** 1

### ► KMB655-2 MUSIC PERFORMANCE 5

This unit acknowledges that there is a broad range of activities and outcomes for music performers in the contemporary world of music and it is essential for musicians to position themselves wisely and appropriately within the field. This final year unit is intended to provide an array of music performance options to assist students in their future career in the music industry. This is a year long unit. Students must complete KMB655-1 in Semester 1.

**Courses:** KM32

**Prerequisites:** KMB654 and 96 credit points in KM32, KMB655/1

**Credit points:** 24

**Campus:** KG

**Sem:** 2

### ► KMB657 MUSIC PRODUCTION 1

These sequential units begin with the development of a secure and reliable technique in production skills. The unit includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to an ensemble.

**Courses:** KI25, KM32, KV25, IX07

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KMB658 MUSIC PRODUCTION 2

This unit develops a secure and reliable technique in production skills. It includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to an ensemble.

**Courses:** KI25, KM32, KV25, IX07

**Prerequisites:** KMB657

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KMB659 MUSIC PRODUCTION 3

This unit contributes to the continued development of a secure and reliable technique in production skills. It includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to an ensemble.

**Courses:** KI25, KM32, KV25, IX07

**Prerequisites:** KMB658

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KMB660 MUSIC PRODUCTION 4

This unit contributes to the continued development of a secure and reliable technique in production skills. It includes small group learning work, attendance and participation in weekly performance seminars and group rehearsals of a wide range of music appropriate to an ensemble.

**Courses:** KI25, KM32 **Prerequisites:** KMB659

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KMB661-1 MUSIC PRODUCTION 5

This unit acknowledges that there is a broad range of activities and outcomes for musicians in the contemporary world within music and other associated creative industries. This unit is intended to give students an array of options to assist in future career portfolios in the music industry. This is a year long unit. Students must complete KMB66122 in Semester 2.

**Courses:** KM32, KV25, KI25

**Prerequisites:** KMB660 and 96 credit points in KM32

**Credit points:** 24

**Campus:** KG

**Sem:** 1

### ► KMB661-2 MUSIC PRODUCTION 5

This unit acknowledges that there is a broad range of activities and outcomes for musicians in the contemporary world within music and other associated creative industries. This unit is intended to give students an array of options to assist in future career portfolios in the music industry. This is a year long unit. Students must have completed KMB661-1 in Semester 1.

**Courses:** KM32, KV25, KI25

**Prerequisites:** KMB660 and 96 credit points in KM32, KMB661/1

**Credit points:** 24

**Campus:** KG

**Sem:** 2

### ► KMB667 MUSIC AND SPIRITUALITY

Living in the materialistic world in the 21st Century has reignited the desire for spirituality to reach beyond the commercial and ephemeral. This unit examines the interaction of music with ritual, meditation, celebration, joy, protest and healing. It explores this relationship drawing from a range of cultures and times including indigenous Australian, Western European and Eastern cultures.

**Courses:** CI Open Elective, KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KMN601 MUSIC PROJECT 1

This is the first in a sequence of self-directed project units. Students undertake a music project of relevance to the creative industries. This will incorporate discovery, practice and reflection. This unit may be taken in the most appropriate location to ensure a successful outcome and the detail would be approved by the student's supervisor. Students are required to attend a weekly evening seminar and present as required.

**Courses:** KM35, KM36, KM42

**Contact hours:** 2 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1, 2, 3

### ► KMN602 MUSIC PROJECT 2

This unit follows from KMN601 and enables students to further develop their project. Students are required to attend a weekly evening seminar and present as required.

**Courses:** KM35, KM36, KM42

**Prerequisites:** KMN601

**Contact hours:** 2 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1, 2, 3

### ► KMN603 MUSIC PROJECT 3

This unit follows from KMN602 and enables students to further develop their project. Students

are required to attend a weekly evening seminar and present as required.

**Courses:** KM35, KM36, KM42

**Prerequisites:** KMN602

**Contact hours:** 2 per week **Credit points:** 24

**Campus:** KG **Sem:** 1, 2, 3

#### ► KMN604 MUSIC PROJECT 4

This unit follows from KMN603 and enables students to further develop their project. Students are required to attend a weekly evening seminar and present as required.

**Courses:** KM35, KM36, KM42

**Prerequisites:** KMN603

**Contact hours:** 2 per week **Credit points:** 24

**Campus:** KG **Sem:** 1, 2, 3

#### ► KMN605 MUSIC PROJECT 5

This unit follows from KMN604. In this unit the students complete their projects. Students are required to attend a weekly evening seminar and present as required.

**Courses:** KM35, KM36, KM42

**Prerequisites:** KMN604

**Contact hours:** 2 per week **Credit points:** 24

**Campus:** KG **Sem:** 1, 2, 3

#### ► KMN606 DIGITAL RECORDING

Students follow an integrated course of theory and practice in sound recording. They create a portfolio of recordings using either their own equipment or the music and sound laboratories at QUT which are equipped with industry standard digital recording software and hardware.

**Courses:** KM35, KM36, KM42

**Prerequisites:** KMB619 or KMB621

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

#### ► KMN609 INDEPENDENT PROJECT

It is important for those students who wish to investigate an area of study or discovery not centrally covered in the compulsory units, to have the opportunity to construct and execute a project in an area of their own choice. This unit allows such a study. The project may be in the field of scholarship and research or in creative work within music or in interdisciplinary work.

**Courses:** KM35, KM36, KM42

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1, 2, 3

#### ► KMN615 ADVANCED CONDUCTING

This unit is designed to further acquaint Music students with a wide range of works and styles and to assist them to achieve artistic objectives in music performance through an intensive program conducting workshop activities.

**Courses:** 1X07, KM32, KM35, KM36, KM42

**Prerequisites:** KMB623

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

#### ► KMN618 COMPOSING FOR MOVING PICTURES

This unit provides a study of the development of programmatic compositional skills with particular reference to the impact of music on moving pictures, an understanding of SMPTE, and a study of film analysis with visual and/or thematic coding.

**Courses:** KM35, KM36, KM42

**Prerequisites:** KMB619 or KMB633 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

#### ► KMN622 MULTI-INSTRUMENTAL STUDIES 1

This unit is designed to widen the base of students' practical skills and to enhance career opportunities through the study of second instruments. Students work through an intensive program in groups on a variety of instruments to obtain fundamental skills on those instruments; this will develop and enhance their multi-instrumental skills for teaching.

**Courses:** KM35, KM36, KM42

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

#### ► KMN626 MUSIC & SOUND FOR DIGITAL MEDIA

This unit deals with studio recording techniques, computer-assisted composition, the role of music in non-linear structures, the effect of sound in

digital media productions, sound effects and Foley techniques, musical acoustics, and digital sound theory.

**Courses:** KM35, KM36, KM42

**Prerequisites:** KMB621 or KMB619

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1, 2

#### ► KMN628 MULTI-INSTRUMENTAL STUDIES 2

This unit is designed to deepen students' practical skills through the study of second instruments and to have them engage with multi-instrumental pedagogical methods. Students work through an intensive program in groups on a variety of instruments to obtain fundamental skills on those instruments; this will develop and enhance their multi-instrumental skills for group instruction.

**Courses:** KM35, KM36, KM42

**Prerequisites:** KMN622 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

#### ► KMN630 MATERIALS OF MUSIC

This unit provides an introduction to the concepts of texture in music. The study of textural design has been enriched by recent developments in music technology, enabling music to be heard as pure timbre in the sound media. This unit includes the techniques of orchestration, and other arranging techniques.

**Courses:** KM36, KM42

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

#### ► KMN648 AUSTRALIAN MUSIC CULTURE

This unit focuses on the relationship between particular social and cultural groups and the music that they choose to listen to or be involved with. Students have the opportunity to explore musical cultures of particular relevance to them within a broad analytical framework.

**Courses:** KM35, KM36, KM42

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

#### ► KMP431 MUSIC CURRICULUM STUDIES 2

This unit includes advanced practical applications in assessment, curriculum planning, and teaching and learning strategies relevant to secondary music education.

**Courses:** ED19, ED55 **Prerequisites:** KMP423

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

#### ► KMP433 MUSIC CURRICULUM STUDIES 2A

This unit includes extension studies in methods of teaching and curricula relevant to specialist teachers of instrumental, secondary or primary music.

**Courses:** ED19, ED55 **Prerequisites:** KMP434

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

#### ► KMP434 MUSIC CURRICULUM STUDIES 1A

This unit includes a specialist study in instrumental or primary curriculum for students planning careers in teaching. It considers materials, curricula and appropriate methods of teaching related to the relevant strand.

**Courses:** ED55

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

#### ► KPB118 PHOTOMEDIA: TRADITIONS AND TECHNIQUES

This unit examines the roles of photography and the photographer in society. It introduces students to digital technologies that which serve as an underpinning of dynamic practice. The unit offers an understanding of photographic principles, as well as a proficiency in techniques and materials, which will give students the technological skills appropriate to their discipline. Because this unit is introductory, it is best undertaken as part of the foundational studies of the course. Please note that students will need to access commercial processing facilities. It is not a requirement of the unit, but students who can do so are encouraged to supply their own 35mm SLR camera. THIS UNIT IS SUBJECT TO A

STRICT QUOTA SYSTEM. ENROLMENT NUMBERS ARE MONITORED.

**Courses:** KP25, KP32, 1X05, 1X06, 1X08

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1, 2

#### ► KPB130 MEDIA TEXT ANALYSIS

This unit acquaints students with a range of approaches, both traditional and contemporary, to the analysis of media texts. It equips students with practical methods of understanding the creation and structuring of social meaning through media. The strategies applied in the analysis of texts are drawn from the following areas: Utilitarianism, New Criticism and the traditional legacy; Semiotics and Structuralism/Post-Structuralism; Marxism and Contextual/Historical Approaches, Feminism, Psychoanalysis, and Multiculturalism. The media texts chosen include newspaper articles, cartoons, photographs, films and television programs.

**Courses:** KK32, 1X06, 1X08, ED50, ED90,

1X05, KP32, KP25, KC32

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

#### ► KPB141 FILM AND TELEVISION LANGUAGES

This unit surveys how meaning is constructed in films and television programs. This is studied in relation to the question of form, with attention to how both narrative and non-narrative films, and television programs, may be structured. The production of meaning in cinematic and television texts is explored through an examination of mise-en-scene (movement and placement of actors, setting, lighting and costume), cinematography and videography (including camera-angle, camera-distance, camera-movement, and special effects), editing and sound.

**Courses:** KK32, KP25, KP32, IF09, IF10, 1X05,

1X06, 1X08, ED50, ED90, IF27

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

#### ► KPB155 MEDIA PRODUCTION

This unit introduces the principles and technologies of video production for both cinema and television. This includes the roles and responsibilities of production teams, production management, design and practice. Lecture delivery by experts in the major production areas of producing, directing, cinematography, editing and sound informs this practice. Students work in groups to produce videos that form a major part of their assessment.

**Courses:** KP25, KP32, KC32, KK32, IF27, IF05,

IF07, 1X05, 1X06, 1X08, ED50, ED90,

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1, 2

#### ► KPB185 INFORMATIONAL PRODUCTION

This unit builds on and advances basic understandings, skills and principles delivered in KPB155 Media Production. An introduction to the skills of sound and lighting complements the earlier core skills of camera, editing, directing and production management. Assessment consists of production of non-fiction short videos.

**Courses:** KP25, KP32

**Prerequisites:** KWB111, KPB155

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1, 2, 3

#### ► KPB190 CREATIVE PRODUCTION

Through exploration of the historical and theoretical underpinnings of experimental motion picture art, students in this unit have the opportunity to develop their creative potential through experimentation. Building on prior knowledge acquired in the production units KPB155 and KPB185, students are encouraged to become wilfully nonconformist in approach, drawing on a wide range of traditions from within the genre of Experimental or Avant-Garde film-making.

**Courses:** KP25

**Prerequisites:** KPB185, KPB155

**Contact hours:** 6 per week **Credit points:** 24

**Campus:** KG **Sem:** 1

#### ► KPB209 AUSTRALIAN TELEVISION

This unit explores the historical and global contexts that have determined the nature of Australia's television industry.



lian television. It also examines the television industry in terms of the differing imperatives shaping public and private television. The unit in addition canvasses the interaction between television and its audiences. This is followed by a critique of a number of important television texts and then a study of the probable and possible futures for television in Australia.

**Courses:** KP32, KP25, KK32, IF27, ED50, ED90, IX05, IX06, IX08

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KPB260 COMMUNITY AND EDUCATIONAL VIDEO

This unit includes new approaches to educational and community-focused video production using digital video cameras and post production equipment. It maximises outcomes using low-cost new wave technologies to produce magazine programs, oral histories, corporate promotional, educational and training videos. This unit is quota based with preferences given to Education and FTV majors.

**Courses:** KP32, KK32, KC32, IF27, ED50 ED90, IX05, IX06, IX08

**Prerequisites:** KPB155

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KPB265 MULTI-CAMERA TELEVISION STUDIO PRODUCTION

This unit introduces students to the principles and technology of television production, utilizing both single and multi-camera techniques. In this unit, students develop their practical and production skills and understandings to create content for the broad area of Television Studio Production, using digital widescreen facilities. This unit introduces Multi-camera Television Production techniques, building on skills already developed in prerequisite units.

**Courses:** KP25

**Prerequisites:** KWB111, KPB155, KPB185

**Contact hours:** 6 per week **Credit points:** 24  
**Campus:** KG **Sem:** 2

#### ► KPB268 FILM AND TELEVISION DRAMA PRACTICE

This unit introduces students to directing methodologies in film and television drama. Students are exposed to different approaches to directing actors. The unit examines a number of case studies of seminal directors who encompass a variety of performance strategies and aesthetic techniques. In addition, the unit familiarises students with a wide range of stylistic approaches to directing for film and television. Students are expected to assimilate the principles outlined in the unit into their own creative work and will be formatively assessed on dramatic screenplays they write in the unit.

**Courses:** KP25

**Prerequisites:** KWB111, KPB155, KPB185, KPB190, KPB265

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KPB270 FILM DRAMA PRODUCTION

This unit includes film or video production that uses actors as mediators in the communication of fictional events. It explores the historical and theoretical underpinnings of fictional motion picture art. It provides training in management, direction, camera, sound and editing at a professional level. Practice is in a specialist role on short drama production/s.

**Courses:** KP25

**Prerequisites:** KPB111, KPB155, KPB185, KPB190, KPB265, KPB268

**Contact hours:** 6 per week **Credit points:** 36  
**Campus:** KG **Sem:** 2

#### ► KPB275 TELEVISION ONLINE

This unit provides students with a grounding in design, content creation and delivery of Television Online. This unit provides the following: analysis of the management principle underpinning Television Online; opportunity to develop creative potential through Television Online; experience in the practical techniques of Television Online; experience regarding technical considerations when creating media for on-line de-

livery; understanding of international implications in deploying online televisual content.

**Courses:** KP25

**Prerequisites:** KPB372, KPB371

**Credit points:** 24

**Campus:** KG

#### ► KPB305 AMERICAN FILM: GENRES AND DIRECTORS

This unit includes a contextual study of American film genres and directors from the turn of the 20th Century until the present day. The subject examines Hollywood genre films and directors, as well as independent American films. Some of the American film genres examined include the following: 1930's musicals and their relationship to the Great Depression and Roosevelt's New Deal; post-war reconstruction and the reaffirmation of the American family in 1940's films; the anti-communist hysteria and American conservatism in 1950's science fiction movies; the relation of 1960's film genres to various radical movements of the period; the treatment of a range of social and cultural issues in American film from the 1970s to the first decade of the 21st century.

**Courses:** KK32, KP25, IX06, IX08, ED50, ED90

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KPB314 MEDIA BUSINESS

This unit considers the role of the producer and executive producer in the packaging and financing of film and television production including corporate, training and documentary films, grant films, features, telemovies and mini-series, and in matching television network programming needs and achieving balance in above-the-line, below-the-line and marketing costs. It considers the following: sources of finance including PFTC, networks, corporate sponsors, IP and ownership, corporate clients, investors, pre-sales, government grants, Film Finance Corporation; methods of obtaining finance, union support, completion guarantees, legal and accounting requirements; social and ethical issues.

**Courses:** KP25, KP32, KK32, KC32, KP36, IX05, IX06, ED50, ED90

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KPB343 AUSTRALIAN FILM

This unit includes the following: a study of New Wave Australian films within their cultural and institutional contexts; issues facing the film industry today; the filmic construction and circulation of cultural discourses such as national identity, nationalism, gender, ethnicity and class; the Australian landscape in film; experimental and Avant-Garde films; indigenous films; new technological and global challenges.

**Courses:** KP25, KK32, KC32, ED90, ED50, IX05, IX06, IX08

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KPB344 INTERNATIONAL CINEMA

This unit examines a range of national cinemas from a global perspective. Key theoretical approaches to national/international cinemas are covered, along with significant historical, textual, representational and ideological issues. The critical challenges posed by productions from these different cultures to Hollywood mainstream productions are also explored.

**Courses:** KP25, KP32, KK32, ED50, ED90, IX05, IX06, IX08

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KPB358 DOCUMENTARY THEORY AND PRACTICE

This unit introduces this significant tradition of documentary production. For KP25 students, the unit serves to prepare for the documentary practical production unit, through learning to assimilate the principles outlined in the unit into their own documentary screenplays. For non-KP25 students, the unit provides an opportunity to address the theoretical underpinnings of the documentary form, and the processes of documentary production.

**Courses:** KP25, KP32, KK32, KP36, ED50, IX05, IX06, IX08, ED90

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KPB359 FILM HISTORY

The unit explores how narrative film has developed from the turn of the 20th century to the first decade of the 21st century. Historical and technological changes in motion-picture production are examined in relation to the development of film as an art form, and to the refinement of expressive elements in films. Attention is paid to the creative use of motion picture production technology, and to the continued popularity of motion pictures. This unit provides an important background for anyone interested in a general history of the moving image, as well as to those students involved in film production and criticism.

**Courses:** KP25, KP32, KK32, KC32, ED50, IX05, IX06, ED90

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KPB360 DOCUMENTARY PRODUCTION

This unit introduces video production concerned with the communication of non-fiction events. It explores the historical and theoretical underpinnings of non fictional documentary production. Training in management, direction, camera, sound and editing are considered as they apply to documentary production at a professional level. The unit provides practice in a specialist role on video documentary productions.

**Courses:** KP25

**Prerequisites:** KWB111, KPB155, KPB185, KPB265, KPB358

**Contact hours:** 6 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1

#### ► KPB370 PRINCIPLES OF TELEVISION

Television, first available in 1936, is arguably the most significant medium and media industry worldwide. Working in television requires therefore a nuanced understanding of the principles underlying even the most daily decisions and processes. This unit surveys those principles from a pragmatic but also conceptual perspective. The unit lays down principles of content creation and analysis in an ethical, pluralistic and international context.

**Courses:** KP32, KK32, KC32, IF27

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KPB371 ADVANCED PRINCIPLES OF TELEVISION

The television professional degree is committed to internationalisation in principle and practice. It recognizes that internationalisation must be contextualised within other institutional and commercial debates. This unit describes, analyses and informs students on the competing principles that underpin television content creation worldwide.

**Courses:** KP32, KC32, KK32, IF27

**Prerequisites:** KPB370

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KPB372-1 TELEVISUAL FORMATS

Televisual Formats allows students to explore creative practices across a span of televisual modes of delivery. Students consolidate skills in broadcast quality production while considering the format options available to them as creators, and appropriate to their clients' needs and audiences' preferences. They also consider how technical formats and quality issues are affected by the television formats of contemporary TV (Reality TV, Games, Children's magazine shows). Televisual Formats allows students to conceptualise, script and produce a televisual segment to a client's specifications. This unit facilitates their progress as creative workers and innovators in a mobile technological marketplace for televisual ideas and product. This unit is year long.

**Courses:** KP32, IX96

**Prerequisites:** KPB370, KPB185

**Corequisites:** KPB371

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KPB372-2 TELEVISUAL FORMATS

See KPB372-1.

**Courses:** KP32; IX96 (this unit is only available to students enrolled in KP32 or IX96)

**Prerequisites:** KPB185; KPB370

**Corequisites:** KPB371

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KPP104 FILM AND TELEVISION PRODUCTION THEORY

This postgraduate unit equips students with the skills to strategically develop, market and plan their own film and television productions in the international marketplace. It addresses, at an advanced level, production strategies which are only marginally addressed at the undergraduate level. It also informs students about film laboratory procedures which have been modified by the introduction of digital technology. In addition, students are acquainted with methodologies and theoretical underpinning for formulating their own aesthetic and developing a personal style.

**Courses:** KK53, KK52, KK51, KP35, KP36  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KPP155 MEDIA PRODUCTION

This unit introduces the principles and technologies of video production for both cinema and television. This includes the roles and responsibilities of production teams, production management, design and practice. Lecture delivery by experts in the major production areas of producing, directing, cinematography, editing and sound informs this practice. Students work in groups to produce videos that is a major part of assessment.

**Courses:** KP35, KP36  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KPP185 INFORMATIONAL PRODUCTION

This unit builds on and advances basic understandings, skills and principles delivered in KPB155 Media Production. An introduction to the skills of sound and lighting complements the earlier core skills of camera, editing, directing and production management. Assessment consists of production of non-fiction short videos.

**Courses:** KP35, KP36  
**Prerequisites:** KPB155, KPP185  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

#### ► KSB011 MUSIC THEATRE SKILLS

This unit provides students with an introduction to practical skills development in acting, dance and singing for music theatre.

**Courses:** KS25  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB012 MUSIC THEATRE PROJECT

This unit follows on from Music Theatre Skills KSB011. Students experience the rehearsal process and performance of a music theatre work in order to apply the multidisciplinary skills developed in the first unit in this series.

**Courses:** KS25 **Prerequisites:** KSB011  
**Contact hours:** full-time - two weeks rehearsal and two performances.  
**Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KSB018 EVENT TECHNOLOGY PRACTICE

This unit provides technical production students with the opportunity to apply lecture content to authentic learning sites through participation in creative industries events and productions.

**Courses:** KS26  
**Contact hours:** 15 **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KSB056 PROFESSIONAL STUDIES

This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the arts workforce. It explores current issues in the arts and develops professional skills including career management.

**Courses:** KS25, KS26 **Corequisites:** KSB256  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KSB200 ACTING FOR ANIMATORS

This unit provides an overview of the fundamentals of the acting process focusing on the animator as a creative artist and storyteller.

**Courses:** KI26

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KSB202 ACTING 1

This unit focuses on the actor's instrument, using a series of exercises that deal specifically with whatever impedes the actor and actress's personal truths, and unblock instrumental blocks to emotional expression. Work incorporates stage and camera requirements.

**Courses:** KS25  
**Contact hours:** 14 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB203 ACTING 2

This unit continues instrument work and introduces craft techniques, dealing with contemporary naturalistic texts for stage, film and television.

**Courses:** KS25 **Prerequisites:** KSB202  
**Contact hours:** 9 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KSB204 VOICE AND MOVEMENT 1

This unit offers an introduction to an organic approach to body and voice and their integration as the basis for all forms of dramatic expression. All voice and body work complements and supports the emotional freeing demanded in acting classes. Combat, connected speech, and singing are introduced.

**Courses:** KS25  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB205 VOICE AND MOVEMENT 2

This unit continues the instrument work and introduces craft techniques, dealing with contemporary naturalistic texts for stage and film and television.

**Courses:** KS25 **Prerequisites:** KSB204  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KSB233 VOICE AND MOVEMENT 3

This unit explores the area of heightened language. The focus is on the technical devices of Shakespearean text. Work developed is performed both on the stage and for camera.

**Courses:** KS25 **Prerequisites:** KSB205  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB234 VOICE AND MOVEMENT 4

This unit develops vocal and physical techniques that support and serve the professional performer. Advanced classes in physical theatre develop physical expressiveness, clarity and strength. Advanced studio work continues development in film and television techniques.

**Courses:** KS25 **Prerequisites:** KSB233  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KSB247 ACTING 3

This unit continues the development of a personal working process through rehearsal and performance of increasingly complex texts.

**Courses:** KS25 **Prerequisites:** KSB203  
**Contact hours:** 20 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB248 ACTING 4

This is an advanced acting unit that deals primarily with role, character creation, and advanced craft application. It is also designed to move the student actor into areas of professional text preparation, rehearsal management and audition techniques. This advanced work includes development of the skills required in acting for film and television.

**Courses:** KS26 **Prerequisites:** KSB247  
**Contact hours:** 20 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KSB255 THEATRE PROJECT 1

In this unit, students participate in a season of semi-profiled performance projects, working as an ensemble performing roles for film and stage.

**Courses:** KS25, KS26  
**Prerequisites:** KSB248 or (KSB291 and KSB293 for TP students)

**Corequisites:** KSB294 (TP students only)

**Contact hours:** 20 per week **Credit points:** 36  
**Campus:** KG **Sem:** 1

#### ► KSB256 THEATRE PROJECT 2

This unit includes a season of profiled performance projects, providing students with the opportunity to demonstrate their skills to employers in the industry, through film and stage work.

**Courses:** KS25, KS26 **Prerequisites:** KSB255  
**Contact hours:** 20 per week **Credit points:** 36  
**Campus:** KG **Sem:** 2

#### ► KSB259 THE PERFORMANCE

##### INSTRUMENT: BODY AND VOICE

This unit includes understanding vocal and physical patterns and application of integrated approach to body and voice in personal expression. This unit has number restrictions.

**Courses:** CI Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB274 THEATRE CRAFT

This unit involves development of practical skills in workshop construction, and pre-production areas of stage scenery, props and costumes.

**Courses:** KS25, KS26 **Corequisites:** KSB289  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB276 VISUAL THEATRE - DESIGN

This unit considers the following: the role of visual expression in theatrical events; elements of space; approaches to researching design elements; bearing of text and resources on events; Western and Eastern influences.

**Courses:** KS26 **Corequisites:** KSB290  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB278 TECHNICAL THEATRE

This unit introduces the student to the basics in lighting, sound and stage management practice for theatre, and develops knowledge of the skills and processes required to stage a small production with minimal support staff.

**Courses:** CI Open Elective  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KSB289 TECHNICAL PRODUCTION 1

This unit develops basic skills in theatrical lighting and sound operation and their integration into the overall production process.

**Courses:** KS26 **Corequisites:** KSB292  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB290 TECHNICAL PRODUCTION 2

This unit continues the creative use of lighting and sound in performances. It provides an introduction to lighting and sound design.

**Courses:** KS26  
**Prerequisites:** KSB289, KSB292  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB291 TECHNICAL PRODUCTION 3

This unit broadens the skills base in areas of lighting and sound into drama, contemporary dance, ballet, opera, musicals, concerts and television productions.

**Courses:** KS26  
**Prerequisites:** KSB289, KSB290, KSB292, KSB293  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KSB292 STAGE MANAGEMENT 1

This unit introduces the coordination of a live theatre production including theatre layout and terminology, role of the stage manager, duties and responsibilities from pre-rehearsal to close of season, communication procedures, rehearsal room procedures.

**Courses:** KS26 **Corequisites:** KSB289  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB293 STAGE MANAGEMENT 2

This unit introduces the management issues in areas of stage mechanics, flying, props and wardrobe and preparation of students to undertake performance crew roles in these departments. It



provides an introduction to stage management for Dance, Opera and Musicals.

**Courses:** KS26

**Prerequisites:** KSB289, KSB292

**Corequisites:** KSB290

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KSB294 STAGE MANAGEMENT 3

This unit broadens the skills base for stage managers into production and event management.

**Courses:** KS26

**Prerequisites:** KSB289, KSB290, KSB291, KSB292

**Corequisites:** KSB255

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KTB056 PROFESSIONAL STUDIES: PERFORMING SELF

This unit provides the student with the requisite skills for success within the creative industries in a knowledge economy by consolidating three years of undergraduate study as a performing arts graduate. The unit focuses on what it means to be an initiator and leader within the sector.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB061 CREATIVE INDUSTRIES MANAGEMENT

This unit introduces management techniques within the Australian creative industries environment: company structures, cultural policy, strategic management and leadership in the arts, legal, ethical, economical and social requirements of arts, boards, entrepreneurial activity.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KTB062 CREATIVE INDUSTRIES EVENTS & FESTIVALS

This unit combines practical and theoretical investigation into how strategy and mission work in arts agencies in arts, events and festivals in Australia.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB201 DRAMA CURRICULUM STUDIES 1

This unit provides an introduction to key syllabus documents and to key skills and strategies of drama teaching.

**Courses:** IX06, IX05, IX07, IX08

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KTB202 DRAMA CURRICULUM STUDIES 2

In this unit, students develop planning and teaching skills for aesthetic learning and assessment and develop as a critically reflective practitioners and teacher artists.

**Courses:** IX06, IX05, IX07, IX08

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB208 ELEMENTS OF DRAMA

This unit provides an introduction to key features of drama across art forms that combine theory with the dramatic action of the rehearsal room.

**Courses:** CI Open Elective, ED26, ED53, ED55, ED56, ED57, ED90, ED91, ED92

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 3

#### ► KTB214 PROCESS DRAMA

This unit introduces the processual nature of drama and theatre through workshops involving the following: role play, participant enrolment, leader-in-role and intervention; identification with role; negotiation, devising and consequent decision-making; dramatic tension and resolution; structuring for the theme and for the dramatic moment; distancing devices; reflection, re-enactment and remaking.

**Courses:** KT32, IX05, IX06, IX07, IX08

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 3

#### ► KTB251 20TH CENTURY PERFORMANCE

This unit introduces students to the major theatre movements of the 20th Century. Students investigate key theatre practitioners and their innovations.

**Courses:** KK32, KS25, KS26, KT32, IF76,

IX06, IX05, IX07, IX08

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB252 THE SOUND OF THEATRE

This unit provides an introduction to the key features and major stages of western music theatre traditions, through reference to a variety of performance styles, practitioners and periods. The possibility of symbiotic relationships between sound and performance is explored in theory and practice.

**Courses:** KT32, IX06

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG

#### ► KTB253 STAGING AUSTRALIA

This unit introduces key concepts and practices pertaining to Australian theatre and drama of the twentieth century, including indigenous performance, post-colonialism, Bush Drama, tradition, and contemporary forms. Theatre practices are explored in relation to broader social and political concerns.

**Courses:** KT32, IX06, IX05, IX07, IX08

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KTB257 STUDIES IN ACTING 1

This unit introduces the work of Stanislavski and a number of his key interpreters including Cohen, Benedetti, Hagen, Adler and Moore. Acting styles including an examination of alternative theories of performance are explored.

**Courses:** KK32 (sub major offering), KT32, IX06, IX05, IX07, IX08

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KTB258 STUDIES IN ACTING 2

This unit is designed to be of benefit to anyone seeking to extend their understanding of Shakespeare and the interpretative and acting skills required to perform Shakespearean text. It will be of particular use to those interested in acting, directing, teaching or playwriting.

**Courses:** KT32, IX06, KK32 (sub-major offering)

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB271 STUDIES IN DIRECTING

This unit considers the history of the development of the role of the director and the theoretical study of key innovative directors in the European tradition. Practical work includes selecting, adapting, rehearsing and performing an extract from a play and giving it an innovative 'treatment'.

**Courses:** KT32, IX06, KK32 (sub-major offering), CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB272 DRAMA AND COMMUNITY CULTURAL DEVELOPMENT

This unit introduces core concepts informing community cultural development practices, both local and international. Students develop skills through practical and theoretical enquiries into cultural action.

**Courses:** KT32, IX06

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB273 PERFORMANCE 1

This unit introduces the student to a clearly defined rehearsal ethic through extended performance project. It includes text analysis, formal group discussion, role creation and intensive rehearsal, and live performance of a scripted drama before an audience.

**Courses:** KT32, IX06

**Corequisites:** KTB257

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB275 UNDERSTANDING PERFORMANCE

In this unit, students investigate paradigms of performance, performance as trans-disciplinary

practice, live and mediated performance, the body in performance, festival and events, performance identity, critical reviewing and audiences.

**Courses:** KT32, IF76, IX06

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KTB277 PHYSICAL THEATRE

In this unit, students experience a range of physical skills within the context of non-text based performance taught by professional theatre practitioners.

**Courses:** KT32, IX06

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KTB280 DRAMA AS SOCIAL ACTION

This unit presents a combination of practical and theoretical investigation into the process of improvisation and the way drama can be used as a tool for critical enquiry and social change. It provides a basis for further work in writing for performance and advanced improvisational skills.

**Courses:** KT32, IX06, IX05, IX07, IX08

**Prerequisites:** KTB214

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB304 FORMING KNOWLEDGE

In this unit, students explore a range of paradigms of knowledge and knowing and their relationship to arts practice and theatre. The unit acknowledges the aesthetic field of experience in all human endeavours, relating it to concepts of human intelligence and knowing.

**Courses:** KT32, IX05, IX05, IX07, IX08

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB306 DIRECTING FOR THEATRE

This unit provides an analysis of the director's role in production management including play selection, resource auditing, pre-production analyses, time, budget and resource planning, design, technical effects, promotion and publicity and an introduction to blocking techniques.

**Courses:** KT32, IX06

**Prerequisites:** KTB271

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KTB307 WRITING FOR PERFORMANCE

Writing for Performance focuses on conceptualising, building and reading narrative for live performance. It blends theory and practice in the creation and critique of a short new work.

**Courses:** KT32, IF06, IX06, CI Open Elective

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KTB308 PERFORMANCE 2

This unit provides for the development of a performance piece through group devising with professional guidance.

**Courses:** KT32, IX06

**Prerequisites:** KTB273

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KTB309 PERFORMANCE 3

This final year elective unit provides Performance Studies students with an opportunity to collectively manage and perform a public season of an original production or series of smaller performances. Students themselves take on the various roles of dramaturgy, rehearsal, research, scripting, stage management, design, publicity, documentation, acting and so on, usually under a professional director.

**Courses:** KT32, IX06

**Prerequisites:** KTB308

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KTB310 STUDIES IN ACTING 3

This unit addresses the relationship between ideas and the way they are formed into action. It is designed to move the student into areas of advanced preparation for creating a performance by introducing major theoretical issues in contemporary cultural and performance analysis and developing advanced acting skills.

**Courses:** KT32

**Prerequisites:** KTB257

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KTB415 DRAMA CURRICULUM STUDIES 2

This unit extends on the work undertaken in KTB414 and focuses on the following: assessment in the drama curriculum; building units based on syllabus documents; deepening management and artistic leadership skills in the drama classroom; building awareness of contemporary educational imperatives and their relevance to Drama teaching; new technologies. It provides opportunities to develop skills as a reflective practitioner and to value and practice aesthetic teaching and learning in Drama.

**Courses:** ED55, IF76, IF75, IF77, IF78

**Prerequisites:** KTB414

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KTN001 PERFORMING NARRATIVES

In this unit, students examine reviewing practices of storytelling and constructing narratives: the oral, the novelistic, the dramatic, the filmic; post-linearity and multiform narrative; narrative in digital environments; narrative in a replay culture.

**Courses:** KT35, KT36, KT42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KTN002 CONTEMPORARY PERFORMANCE

In this unit, students investigate the following: the nature of the performance event; performance in everyday life; theatricality and performance; trans-disciplinary performance theory and practice; the body in performance; site and performance; live and mediated performance; spectator and audience.

**Courses:** KT35, KT36, KT42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KTN003 APPLYING INFORMATION TECHNOLOGY IN THE DRAMA CLASSROOM

This unit considers the following: strategies for incorporating information and communication technology into the Drama classroom; performing arts specific software including graphics/imaging programs; video editing and script-writing programs; appropriate uses of the internet; on-line communities, online improvisation and role-play; message and bulletin boards.

**Courses:** KT35, KT36, KT42, IX06

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KTN004 TEACHING DRAMA FROM 1-10

In this unit, students explore the conceptual and practical knowledge and understanding of the contribution Drama can make in a holistic primary education. It explores the following: aesthetic learning and Drama as a way of knowing; experiential workshops to develop artistic and facilitation skills for Drama teaching; an introduction to The Arts Years 1-10 Syllabus.

**Courses:** KT35, KT36, KT42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KTN005 IMPLEMENTING DRAMA FROM 1-10

This unit introduces students to the following: strategies for planning, managing and assessing of school and classroom work programs in Drama; cross curricula and Key Learning Area applications, trans-disciplinary planning; the Core Content relevant to Levels 1-6

**Courses:** KT35, KT36, KT42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KTN006 DRAMA PROJECT

This unit provides an opportunity for students to design and implement a classroom based project that applies the learnings in the course and requires fieldwork in their workplace.

**Courses:** KT35, KT36, KT42

**Contact hours:** 3 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1, 2

### ► KTN200 DRAMATURGY

This unit includes an investigation of the role of the dramaturge in Western cultures: the emerging role of the dramaturge in Australian theatre; the methodologies of the dramaturge; the criteria used for script assessment; a comparative study of the role of the script editor/story editor in the screen writing industry.

**Courses:** KK42, KK52, KK53, KT35, KT36, KT42

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### KVB004 Contemporary Aesthetic Debates

This unit introduces modern aesthetic debates that inform contemporary art practice. The unit addresses philosophical discourse on art from Kant to postmodern theories.

**Courses:** KK52, KK53, KK51

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KVB413 ART CURRICULUM STUDIES 2

This unit extends KVB412 and includes the following: Art curriculum development within the context of contemporary policies, frameworks and agencies; principles of measurement, assessment and evaluation; teaching and learning strategies; directions in curriculum development.

**Courses:** ED50, ED54, IF78

**Prerequisites:** KVB412

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KVB444 CONTEMPORARY ASIAN VISUAL CULTURE

This unit considers the development of an understanding and awareness of non-Western art forms. It considers the influences of historical visual arts, backgrounds, philosophical beliefs and trade on the symbolism, forms, techniques and uses of various artefacts.

**Courses:** KV25, KV32, IX08, Open Elective, ED22, ED26, ED50, ED51, ED91

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KVB447 DRAWING

This unit examines conventional and contemporary drawing processes. It includes an investigation of materials for drawing, shape and volume, line as a means of expression and communication, perspective, rendering, perceptual organisation and expressive effects.

**Courses:** CI Open Elective, ED26, ED51, ED52, ED91

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KVB457 SCULPTURE

This unit provides an introduction to the history and theory of sculpture and provides students with the opportunity to develop their ideas in relation to the exploration and manipulation of a range of materials and techniques used in the sculpture studio.

**Courses:** IX08, CI Open Elective, ED22, ED26, ED50, ED51, ED52, ED91

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KVB503 CLAY MATERIALS

This unit develops ceramic knowledge, artistic concepts and practical/technical skills: an investigation of selected historical ceramic eras; understanding of the relationship between ceramics and the maker's culture; development of personal imagery and design.

**Courses:** CI Open Elective, IX08, ED26, ED50, ED51

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KVB507 PAINTING

This unit is used for introducing and developing an active awareness of both historical and contemporary issues in painting and drawing through studio practice and tutorials. It includes the skills appropriate to the range of available media pursued in studio classes and professional practice.

**Courses:** IX08, CI Open Elective, ED26, ED50, ED51, ED91

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KVB509 PHOTOMEDIA AND ARTISTIC PRACTICE

This unit aims to provide students with an understanding of the aesthetic aspects of various photomedia concepts and processes and the artistic use of genres. It also aims to give students proficiency in alternative and experimental uses of photographic processes, establishing an understanding of investigative and creative research. By including a range of photographic processes as part of the photographic artist's repertoire, this unit aims to give students a broad range of choices and approaches to creating images. The unit encourages students to engage with photography as a medium for visual and artistic expression in order to extend their own photographic practice.

**Courses:** CI Open Elective, ED22, ED26, ED50, ED51

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KVB511 PRINTMAKING

This unit covers a diverse range of print methods, which are viewed, analysed and/or undertaken in the studio. Relief processes, which utilize raised and incised surfaces, (ie lino, wood, collagraph), intaglio processes, such as etching and drypoint and paleographic processes, such as monoprinting, are addressed. In addition, innovative and contemporary print processes are introduced to help the students to develop their own approach in a folio of works.

**Courses:** CI Open Elective, IX08, ED26, ED50, ED51, ED91

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KVB701 MODERNISM

This unit provides an overview of the key concepts and movements that comprise twentieth-century modernism. Beginning with cubism, the unit provides an understanding of terms, such as avant-garde, modernism and modernity. It explains how modernism focuses upon the issue of representation and how this approach led to interdisciplinary work, which engaged with film, photography, design, architecture and installation as well as the traditional visual arts.

**Courses:** KV25, KV32, KK32 (sub-major offering), CI Open Elective, ED50, IX08

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KVB702 AUSTRALIAN AND INDIGENOUS ART

This unit focuses upon Australian Art over the course of the twentieth century, including the contemporary period. It gives students an understanding of the national, cultural and social frameworks within which this art has been produced and introduces a number of artists, artistic movements and issues within Australian Art. It also considers the nature of indigenous art and its contribution to the complexity of Australian cultural identity. All of these issues are presented in order to assist students in understanding the important role of Australian art as an expression of our cultural values throughout the twentieth century.

**Courses:** KV25, KV32, KK32 (sub-major offering), CI Open Elective, IX08

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KVB703 VIDEO ART AND CULTURE

Existing Visual Arts units examine a broad range of subjects addressing artistic media such as painting, sculpture and installation. The 'Video Art and Culture' unit supplements these by instituting a specialised study of artistic and cultural practice that focuses on new mass media technology. The unit therefore enhances, extends and updates knowledge of recent art strategies in contemporary society.

**Courses:** KV25, KV32, CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KVB704 THEORIES OF SPATIAL CULTURE

This unit provides the necessary critical evaluation of issues and practices that relate to considerations of space in modern and contemporary art, new media and culture in general. It provides an historical overview of key art practices that

have focused their critical attention to the issue of space and the built environment. In order to function as an informed practitioner in the environment of public space, a student must acquire such knowledge because it forms the critical-analytical background to current debates and theories in spatial culture and public art.

**Courses:** KV25, KV32, KK32 (sub-major offering), CI Open Elective  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KVB712 CONTEMPORARY ART ISSUES

Current practices in the visual arts are addressed by analysing and interpreting original works on exhibition, in stockrooms and in studios. By means of lectures, discussions and analysis of artworks and readings, the students' awareness of the conceptual, historical and philosophical contexts concerning artists and the artworks is heightened. (Prerequisite for entry to Honours.)

**Courses:** KV25, KV32, ED26, ED50  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KVB740 STUDIO ART PRACTICE 1

This unit includes the following: the development of an enquiry-based, self-sustaining art practice; fostering of appropriate research skills; encouragement of open flexible independent approach to formulating resolutions to conceptual and visual concerns; development of safe workshop practices, safe studio work habits and appropriate professional skills. It includes introductions to technological art forms. This is a designated unit.

**Courses:** KV25, KV32, IX08  
**Contact hours:** 6 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1

#### ► KVB741 STUDIO ART PRACTICE 2

This unit addresses a number of contemporary contexts and methods for studio art practice that provide starting points for individual research. In consultation with studio staff, students formulate and apply an individual framework to develop a studio based practice. Lectures support studio work by introducing professional practitioners and current art issues and practices, and by providing examples of contemporary art in its multiple contexts. Studio workshops assist students in the development of technical skills

**Courses:** KV25, KV32, IX08  
**Prerequisites:** KVB740  
**Contact hours:** 6 per week **Credit points:** 24  
**Campus:** KG **Sem:** 2

#### ► KVB742 STUDIO ART PRACTICE 3

In consultation with studio staff, students formulate a program of work for the semester which allows students to investigate their own personal artistic direction, formulate and develop self-generated enquiry and acquire working methods, resources, skills and knowledge necessary to realise concepts.

**Courses:** KV25, KV32, IX08  
**Prerequisites:** KVB741  
**Contact hours:** 6 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1, 2

#### ► KVB743 STUDIO ART PRACTICE 4

The conditions of current cultural practice, their production, reception and contribution to society are extremely diverse, increasingly complex and multi-layered. In this unit, sustained critical involvement and an increasing commitment to artistic conceptual pursuits are underpinned by contemporary theoretical reference which includes investigation into a broad range of artists' practices. Students are required to articulate a personal position in these issues.

**Courses:** KV25 **Prerequisites:** KVB742  
**Contact hours:** 6 per week **Credit points:** 24  
**Campus:** KG **Sem:** 2

#### ► KVB744 STUDIO PROJECT 1

In consultation with studio staff, students at this level are expected to undertake individual projects that lead to the development of a professionally organised and articulated body of work. Substantial research is expected in support of these projects.

**Courses:** KV25 **Prerequisites:** KVB743  
**Contact hours:** 6 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1

#### ► KVB745 STUDIO PROJECT 2

In consultation with studio staff, students at this level are expected to undertake individual projects that lead to the development of a professionally organised and articulated body of work. Substantial research is expected in support of these projects.

**Courses:** KV25 **Prerequisites:** KVB744  
**Contact hours:** 6 per week **Credit points:** 24  
**Campus:** KG **Sem:** 2

#### ► KVB751 EXTENDED STUDIO PRACTICE 1

This unit is an extension of practical studio units of core media studies or elective studio units.

**Courses:** KV25, KV32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KVB752 EXTENDED STUDIO PRACTICE 2

This unit is an extension of practice studio units or core media studies or elective studio units.

**Courses:** KV25, KV32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KVB753 EXTENDED STUDIO PRACTICE 3

This unit is an extension of practice studio units or core media studies or elective studio units.

**Courses:** KV25, KV32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KVB754 EXTENDED STUDIO PRACTICE 4

This unit is an extension of practice studio units or core media studies or elective studio units.

**Courses:** KV25, KV32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► KVB755 FOUNDATIONS OF DRAWING FOR ANIMATION

This is a studio based unit that introduces students to media, processes, strategies and traditions of drawing and associated imagery for use in animated media. The development of critical/reflective frameworks of traditional and contemporary practice underpins studio development.

**Courses:** KV25, KV32, KI25, KI32  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► KVB756 FOUNDATIONS OF DRAWING FOR ANIMATION 2

This unit develops individual knowledge, concepts and skills to enable students to articulate and present capabilities of motion through drawing for contemporary animation practices.

**Courses:** KV25, KV32, KI25, KI32  
**Prerequisites:** KVB755  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KVB757-1 DRAWING FOR FASHION 1 (1/2)

This unit concentrates on developing core skills and knowledge of drawing to provide an important foundation for existing and evolving modes for constructing and presenting fashion proposals. This is a year long unit. Students must enrol in KVB757-2 in Semester 2 to successfully complete the unit and be awarded 12 credit points.

**Courses:** KF25  
**Credit points:** 6 (12cp awarded at completion of both components)  
**Campus:** KG **Sem:** 1

#### ► KVB757-2 DRAWING FOR FASHION 1 (2/2)

This unit concentrates on developing core skills and knowledge of drawing to provide an important foundation for existing and evolving modes for constructing and presenting fashion proposals. This is a year long unit. Students must have completed KVB757-1 in Semester 1 to successfully complete the unit and be awarded 12 credit points.

**Courses:** KF25  
**Prerequisites:** KVB757-1  
**Credit points:** 6 (12cp awarded at completion of both components)  
**Campus:** KG **Sem:** 2

#### ► KVB758-1 DRAWING FOR FASHION 2 (1/2)

Developing understanding of explicit outcomes of the drawing systems used in fashion design and promotion enables the user to encode experience within the constraints of the industry as well as traditional and contemporary media. The ability to utilise the language of figurative drawing in fashion facilitates description, recording synthesis, analysis, decoration, interpretation, reconstruction and response in visual form. The development of skills and knowledge of fashion drawing provides access to evolving modes for constructing and presenting images for diverse production. This is a year long unit. Students must enrol in KVB758-2 in the following semester.

**Courses:** KF25  
**Prerequisites:** KVB757 (1&2)  
**Contact hours:** 3 per week  
**Credit points:** 6 (12cp awarded at completion of both components)  
**Campus:** KG **Sem:** 1

#### ► KVB758-2 DRAWING FOR FASHION 2 (2/2)

Developing understandings of explicit outcomes of drawing systems used in fashion design and promotion enables the user to encode experience within the constraints of the industry as well as traditional and contemporary media. The ability to utilise the language of figurative drawing in fashion facilitates description, recording synthesis, analysis, decoration, interpretation, reconstruction and response in visual form. The development of skills and knowledge of fashion drawing provides access to evolving modes for constructing and presenting images for diverse production. This is a year long unit. Students must have completed KVB758-1.

**Courses:** KF25  
**Prerequisites:** KVB757 (1&2), KVB758-1  
**Contact hours:** 3 per week  
**Credit points:** 6 (12cp awarded at completion of both components)  
**Campus:** KG **Sem:** 2

#### ► KVB759 VISUAL PROMOTION

The task of drawing in fashion design is to visually communicate apparel design and pattern construction. Embedded in this communication process are the conventions and influences of historical, cultural, social and environmental sources that shape the traditions of drawing for fashion.

**Courses:** KF25, KV25, KV32  
**Prerequisites:** KVB758  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KVP100 GRAPHIC DESIGN

New modes of reproduction, display platforms and transmission devices are reshaping the way text, image and message can be communicated. As creative advertisers, it is important for students to develop new ways of approaching graphic design processes in order to confidently utilise traditional and contemporary media, and to produce innovative cross-media outcomes. It is also important that students are flexible and responsive to the needs of clients, and that they acquire the ability to articulate and graphically present multiple options for production. This unit addresses these needs.

**Courses:** IX95, IX96  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► KWB111 MEDIA WRITING

This unit introduces students to the formats, terminology and protocols used in the preparation of proposal documents and short scripts. It explores fundamental concepts including narrative structures, metaphors, point of view, plotting, character and voice. Students examine a range of professional scripts and development documents and are asked to apply their knowledge of typical script problems and solutions to their own work.

**Courses:** KW25, KW32, KW35, IF93  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KWB229 FILM AND TELEVISION SCRIPTWRITING

This unit focuses on the production of a sustained script for film or television.

**Courses:** KW25, KW32, IF93, KW35, KW36

**Prerequisites:** KWB111 or completion of 96 credit points

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► KWB250 INTRODUCTION TO CREATIVE WRITING

This course develops creative, critical and analytical skills in reading and writing a variety of creative textual forms. Students acquire an understanding of various forms of creative language forms, especially narrative and poetry. Students therefore are introduced to key language theory and creative writing practice.

**Courses:** KW25, KW32, KW35, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KWB314 CORPORATE WRITING AND EDITING

This unit deals with both the fundamentals of language (grammar, punctuation, style) and the dominant corporate writing genres (manuals, reports, speeches, brochures).

**Courses:** KW32, KW25, KW35, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KWB315 PERSUASIVE WRITING

This unit teaches the use of persuasive writing in the workplace. The unit analyses a variety of writing genres to reveal how they persuade their audiences. The analysis is founded on critical discourse and semiotic theory. Students apply these learned techniques and theories to produce a portfolio of persuasive writing. The unit covers a range of genres such as Public Health Campaigns, Proposals, Speechwriting and Political Persuasion.

**Courses:** KW25, KW32, KW35, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KWB321 MODERN TIMES: LITERATURE AND CULTURE IN THE 20TH CENTURY

The twentieth century is a time of significant developments and major transformations in writing and culture. This unit focuses on a number of twentieth century writers from Europe, England, Africa, Asia, Australia and the Americas, from modern to postmodern times, and explores the connections between texts, language, culture and society.

**Courses:** KW25, KW32, KK32, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KWB350 CREATIVE WRITING: THE SHORT STORY

The unit covers the writing of the short story.

**Courses:** KW25, KW32, KW35, KW36, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► KWB370 ELECTRONIC WRITING

This is an advanced unit for students working towards a vocation involving creative and professional writing and especially for majors in creative writing production. This unit builds on the practical skills and conceptual background acquired in first and second year Creative Writing units, and offers advanced techniques in professional writing and editing, especially web or electronic narrative writing, and advanced experimental narrative techniques.

**Courses:** KW25, KW32, KW35, IF93

**Prerequisites:** KWB350

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KWB380 CREATIVE NONFICTION: LIFE WRITING

This unit covers the diversity of creative nonfiction life writing, but with an emphasis on contemporary biography and autobiography. While providing theoretical and critical context, the main focus of classes is to teach students to do practical biographical and autobiographical research and writing of their own, as well as review writing and family and local history writing.

**Courses:** KW25, KW32, IF93, KW35, KW36

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KWB381 CREATIVE NONFICTION: ARTS, HUMOUR, TRAVEL

This unit covers the acquisition of practical and analytical skills in creative nonfiction writing, in particular review writing on books, film, music, visual arts, fashion and food, and travel, scientific, essay, humorous and sports writing. The unit provides examples, techniques and practical exercises in nonfiction creative writing and editing, and the opportunity to develop individual work in the supportive context of in-class and small workshop groups. Potential publishing areas are explored.

**Courses:** KW25, KW32, IF93, KW35

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KWB382 EDITING AND CREATIVE WRITING

This is a key advanced unit in the BFA in Creative Writing degree, as the practice of creative writing requires a level of self-reflexivity about the creative work created. The facilitated small group/seminar mode of teaching provides concentrated feedback and developmental opportunities for students to develop advanced editing skills.

**Courses:** KW25, KW32, IF93

**Contact hours:** 6 per week **Credit points:** 24  
**Campus:** KG **Sem:** 1

### ► KWB395 CREATIVE WRITING PROJECT 1

This unit provides the opportunity for students to write a sustained piece of creative work, within the genre of their choice, including short fiction, poetry, creative non-fiction and hypertext, under supervision. Such work is written to a standard suitable for publication in print or electronic journals. The student's final submission is written after familiarisation with industry demands, niches and marketing possibilities.

**Courses:** KW25, KW32, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KWB396 CREATIVE WRITING PROJECT 2

As the capstone unit in the BFA Creative Writing, this unit gives the student the vital opportunity to concentrate on developing, writing and editing a sustained major piece of creative work, within the genre of their choice, including short fiction, poetry and non-fiction, under supervision.

**Courses:** KW25

**Contact hours:** 6 per week **Credit points:** 36  
**Campus:** KG **Sem:** 2

### ► KWB399 THE WRITING AND PUBLISHING INDUSTRY

This unit introduces the function and structure of the writing and publishing industry

**Courses:** KW25, KW32, IF93, KW35, KW36, KW37

**Prerequisites:** 96 credit points of undergraduate study.

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KWB625 AMERICAN STORIES

In view of the close cultural, political and artistic ties between America and Australia, it is useful for students to study significant developments in American cultural texts. This unit provides a strong grounding in analysing a major branch of international writing and develops skills in textual and cultural analysis.

**Courses:** KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KWB701 INDIGENOUS WRITING

This unit provides students with the opportunity to explore the rich and diverse range of Indigenous narrative or story-telling throughout the world, including Australian Aboriginal and Torres Strait Islander story-telling. In doing so, it explores both traditional and contemporary narratives as an exciting site of constantly developing,

innovative and culturally rich forms of cultural expression, exploration and development. The unit provides students with the opportunity to explore and reflect upon their own relationships with Indigenous Writing and culture as readers, writers and/or critics.

**Courses:** KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KWB710 OZLIT

This unit provides students with opportunities to read, explore, discuss and evaluate a number of Australian texts written and published over the last twenty-five years. Upon completing this unit, students will be able to understand and critically interrogate texts pertinent to contemporary Australian society and culture.

**Courses:** KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KWB712 YOUTH AND CHILDREN'S WRITING

This unit includes children's and adolescent novels within the cultural context of nineteenth and twentieth century Australia, England and America. It focuses on textual analysis of major generic types, and considers issues such as race, gender, class and regionalism in fiction for young Australians.

**Courses:** KW25, KW32, KW35, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KWB716 INTRODUCTION TO LITERARY THEORY AND CULTURAL STUDIES

'The "textualisation" of the world has been an important development in twentieth century theory in the West,' (Fuery:57). What are texts? What do they mean? This unit addresses these issues by providing students with an introduction to conceptual frameworks derived from some of the major critical discourses that have impacted on our world.

**Courses:** KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KWB724 WONDERLANDS: LITERATURE AND CULTURE IN THE 19TH CENTURY

When Alice meets Neo... This unit considers important contemporary cultural and social questions by way of readings in science fiction, fantasy fiction and fiction, class ideologies and revolutionary politics from a selection of novels and poetry of the nineteenth century. The novels and poems examine political and social change in Europe between 1790 and 1900, with a view to making critical links between current ideologies and literary forms and their formulation in a nineteenth century text. As such, works ranging from Frankenstein to Alice in Wonderland are deployed to consider the textual representations of important cultural, social, and sexual issues.

**Courses:** KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► KWB725 POPULAR FICTIONS, POPULAR CULTURE

The unit is designed to provide students with skills in understanding popular culture/s. It addresses the production of popular culture via a range of texts and mediums, and provides students with a framework by which they can critique the operations of popular cultures.

**Courses:** CI Open Elective

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► KWB729 SHAKESPEARE, THEN AND NOW

This unit is designed to introduce students to Shakespearean studies and the ongoing cultural importance of Shakespearean material.

**Courses:** KK32 (sub-major offering)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► KWP103 CREATIVE WRITING: NOVEL & GENRE**

This unit examines the major theories underlying and informing the practice of writing sustained creative texts, including narrative prose, creative nonfiction and genre writing. Such theory and knowledge enhances critical awareness and writing strategies relevant to the production and future publication of a novel-length text.

**Courses:** KK51, KK54, KW35, KW36  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► KWP104 EDITING AND DEVELOPING THE MANUSCRIPT**

This unit examines processes of editing and manuscript development from the viewpoint of both editor and writer. Students participate in the managed development of a manuscript or a range of manuscripts. Classes are taken in intimate seminar mode.

**Courses:** KK51, KW36, KW37  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► LPP101 TRANSACTION SKILLS**

A competent legal practitioner is a skilful practitioner who has a commitment to professionalism and ethical practice in the provision of legal services. This unit seeks to develop a range of transactional lawyering skills and an awareness of professionalism and ethical practice in the transactional context.

**Courses:** LP41 **Contact hours:** 28 (2 weekends)  
**Credit points:** 12  
**Campus:** GP **Sem:** 3 (2004) and 2 (2005)

**► LPP102 DISPUTE RESOLUTION SKILLS**

A competent legal practitioner is a skilful practitioner who has a commitment to professionalism and ethical practice in the provision of legal services. This unit seeks to develop dispute resolution and advocacy skills and to develop an awareness of professionalism and ethical practice in the dispute resolution context. The unit also introduces students to civil litigation and criminal law practice.

**Courses:** LP41 **Contact hours:** 28 (2 weekends)  
**Credit points:** 12  
**Campus:** GP **Sem:** 2

**► LPP103 BANKING AND FINANCE**

The legal profession plays a major role in facilitating borrowing, taking securities, enforcing securities, and protecting the rights of borrowers and lenders. Persons seeking to become legal practitioners should have an understanding of the lawyer's role in financial arrangements. The unit covers aspects of practice in the area of securities law, consumer credit and bankruptcy.

**Courses:** LP41  
**Prerequisites:** LPP101, LPP102  
**Contact hours:** 6 per week (on-campus mode), 1 per week (off-campus mode)  
**Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1 and 2 (2005)

**► LPP104 COMMERCIAL LAW PRACTICE**

Lawyers are often called upon to advise clients on how to plan and structure commercial transactions and to advise on the legal effects of those transactions. In an economy such as Australia's, where the economic well being of many people depends on private commercial activities, lawyers must be prepared for their role in the facilitation and conduct of commercial transactions. The unit deals with corporations' law practice and common commercial transactions.

**Courses:** LP41  
**Prerequisites:** LPP101, LPP102  
**Contact hours:** 6 per week (on-campus mode), 1 per week (off-campus mode)  
**Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1, 2

**► LPP105 FAMILY AND ESTATES**

Learning how to administer a deceased person's estate is a good platform for developing legal drafting skills and the skill of giving legal advice in clear and concise terms. Family law practice is one of the eight recommended areas of practice for pre-admission practical training specified by

the Australasian Professional Legal Education Council.

**Courses:** LP41  
**Prerequisites:** LPP101, LPP102  
**Contact hours:** 6 per week (on-campus mode), 1 per week (off-campus mode)  
**Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1, 2

**► LPP106 LITIGATION**

Civil litigation forms a major part of most legal practices. Knowledge of court procedures, litigation tactics, and an ability to assist clients through the litigation process are essential for most lawyers. The unit focuses on practice in the courts. Other dispute resolution alternatives such as negotiation, mediation and counselling are dealt with in the Dispute Resolution Skills unit. This unit also provides an opportunity to learn some Criminal Law Practice.

**Courses:** LP41  
**Prerequisites:** LPP101, LPP102  
**Contact hours:** 6 per week (on-campus), 1 per week (off-campus)  
**Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1, 2

**► LPP107 PROPERTY LAW PRACTICE**

Many lawyers are regularly involved in the purchase and sale of real property and the conveyance of real property. This unit addresses the fact that most lawyers need an ability to advise clients in respect to contracts of sale of property and the effects on property transactions of legislation such as environmental and legislation planning.

**Courses:** LP41  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1, 2

**► LPP108 PLACEMENT**

A placement has always been regarded as a necessary part of the GradDipLegalPrac. Most pre-admission vocational training regimes for the legal profession in Australia require some workplace experience. This unit involves a placement of four weeks that will help students to experience the dynamics of a 'real' legal workplace.

**Courses:** LP41  
**Contact hours:** 160 total **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 3

**► LPP111-1 LAWYERS' SKILLS**

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to demonstrate oral communication skills, advocacy skills, negotiation and dispute resolution skills, and letter writing and legal drafting skills'. These skills are introduced in this unit. The intention is that students then seek to develop these skills during the rest of the course and in the workplace.

**Courses:** LP41 **Prerequisites:** LLB  
**Contact hours:** 4 days per semester  
**Credit points:** 12  
**Campus:** GP **Sem:** 1, 2, 3

**► LPP112 WORK SKILLS**

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to manage workload, work habits and work practices in a way that ensures clients' matters are dealt with in a timely and cost-effective manner'. This unit provides students with the basis of those skills and the basics of practical legal problem-solving skills. The intention is that students then seek to develop those skills during the rest of the course and in the workplace.

**Courses:** LP41 **Prerequisites:** LLB  
**Contact hours:** 4 days per semester  
**Credit points:** 12  
**Campus:** GP **Sem:** 1, 2, 3

**► LPP113-1 CIVIL LITIGATION**

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to conduct civil litigation in first instance matters in courts of general jurisdiction, in a timely and cost-effective manner'. This unit provides students with the basis of that ability in the context of civil litigation in a state Court.

**Courses:** LP41 **Prerequisites:** LLB  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

**► LPP114-1 COMMERCIAL**

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to conduct commercial transactions such as the sale and purchase of a small business...set up standard business structures...provide basic advice on finance and securities...and appreciate the type of advice needed to assess the revenue implications of standard commercial transactions'. This unit provides students with experience in specific commercial transactions of the types described above.

**Courses:** LP41 **Prerequisites:** LLB  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

**► LPP115-1 PROPERTY**

The Law Admissions Consultative Committee considers that 'an entry level lawyer should be able to convey, lease and mortgage real property...and provide general advice on land use.' This unit equips students to do that in selected contexts.

**Courses:** LP41 **Prerequisites:** LLB  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

**► LPP116-1 ELECTIVES**

The Law Admissions Consultative Committee considers that entry level lawyers should have experience in two areas of practice: administrative law practice, criminal law, or family practice AND one of either wills and estates, planning and environment, employment and Industrial Relations, or consumer law practice. This unit provides students with experience in their choice of one area from each list.

**Courses:** LP41 **Prerequisites:** LLB  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

**► LPP117-1 INTERACTION**

This unit is designed for law graduates who are completing the Graduate Diploma in Legal Practice for the purpose of becoming admitted as a legal practitioner and who are not working in law offices while they are doing the course. The unit seeks to further develop students' communication, advocacy, interviewing and work management skills where they do not have the opportunity to develop those skills in a real life law office.

**Courses:** LP41 **Prerequisites:** LLB  
**Contact hours:** 6 hours per week plus 2 days  
**Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1, 2

**► LPP118-1 PLACEMENT**

The Law Admissions Consultative Committee considers that every entry level lawyer should have experience in a law office before being admitted. This unit provides four weeks experience in a law office to satisfy legal practitioner admission requirements.

**Courses:** LP41 **Prerequisites:** LLB  
**Contact hours:** 40 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2, 3

**► LSB111 UNDERSTANDING DISEASE CONCEPTS**

This unit includes the following: introduction to structure and function of the body; review of body systems; mechanisms of disease. It covers systems and topics: integumentary, skeletal, muscular, nervous, endocrine, blood, heart and circulation, lymphatic, immune, respiratory, digestive (including nutrition and metabolism), urinary, reproductive, concepts of growth and development, genetics. It presents examples of diseases: heart disease, cancers (lung, breast, skin, prostate, cervical), diabetes, hypertension, depression and schizophrenia, asthma and chronic obstructive lung diseases.

**Courses:** IF47, NS40, PU40  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► LSB118 LIFE SCIENCE**

This unit includes a study of life processes in all five groups of living organisms (bacteria, protists, fungi, plants and animals). Traditional topics in biology are integrated with recent research advances in molecular and cellular biology to provide a comprehensive foundation for later

units in the medical, biotechnological and ecological sciences. The unit begins by constructing cells from the four quantitatively important groups of biological molecules (proteins, lipids, carbohydrates and nucleic acids). Molecular and evolutionary aspects of genetics are then introduced, with the great diversity of reproductive strategies found among organisms being emphasised. Finally, bioenergetics (photosynthesis and respiration) and its relevance to environmental issues are outlined.

**Courses:** ED50, IF86, LS37, LS50, PU43, SC01  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** CA, GP **Sem:** 1, 2

#### ► LSB119 LIFE SCIENCE FOR OPTOMETRISTS

This unit provides an introduction to the study of life processes in all five groups of living organisms (bacteria, protists, fungi, plants and animals). The unit begins by constructing cells from the four quantitatively important groups of biological molecules (proteins, lipids, carbohydrates and nucleic acids). Cell function is then described, using neurons (including eye rod and cone cells) and muscles as examples. Molecular and evolutionary aspects of genetics are then introduced, with the great diversity of reproductive strategies found among organisms being emphasised. Finally, bioenergetics (photosynthesis and respiration), and its contemporary relevance to environmental and sociopolitical issues are outlined.

**Courses:** OP42  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** LSB118  
**Campus:** GP **Sem:** 1

#### ► LSB131 ANATOMY

This unit includes basic concepts of anatomy: an overview of the structure of cells, body tissues, and body systems; aspects of surface anatomy which are relevant to human movement; musculoskeletal systems.

**Courses:** HL40, HL42, HL43, HM42, HM45, IF62, IX04, PU43  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB142 HUMAN ANATOMY AND PHYSIOLOGY

The aim of this unit is to provide grounding in the principles of human anatomy and physiology. Following an introduction to the structure of the cell and the organisation of tissues, each of the major systems that constitute the human body are examined by the integrated study of their anatomy and physiology.

**Courses:** ED50, ME48, PU40, SC01  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB145 ANATOMY 1

This unit of human anatomy includes an introductory study of cell structure, primary tissues, integumentary system, muscular system and a detailed study of osteology and arthrology.

**Courses:** PH38  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB152 ANATOMY

This unit of human anatomy includes an introductory study of cell structure, primary tissues, skeletal system, integumentary system, muscular system, cardiovascular system, lymphatic system, respiratory system, digestive system, renal system, nervous system, eye, ear, endocrine system and the reproductive systems.

**Courses:** OP42  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB182 BIOSCIENCE 1

This unit develops an understanding of normal human structures in relation to their functions at the cellular, tissue and organ levels. This is a foundation course in anatomy and physiology for nursing students. Topics covered include the following: the cell, tissues; systems of the body and their functions; surface anatomy and body topography; musculoskeletal adaptations; posture control and balance.

**Courses:** NS40, NS48

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► LSB231 PHYSIOLOGY

This unit covers the general physiological principles such as homeostasis and how all systems in the body contribute to it. Topics include cells, transport processes, cardiovascular system, cardiac electrical activity, cardiac output, regulation of blood pressure, respiratory system, endocrine system, pulmonary ventilation and its function.

**Courses:** HL40, HM42, HM45, IF62, IX04  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB235 ADVANCED ANATOMY

An in-depth study of the systematic and regional anatomy of the lower limb is undertaken with particular emphasis on osteology, arthrology, musculature, angiology and neurology.

**Courses:** HL43, HM42, PU43  
**Prerequisites:** LSB131  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB238 CELL AND MOLECULAR BIOLOGY I

This unit provides an introduction at the cellular level to essential physiological and metabolic requirements fundamental to life processes. It concentrates on basic cell biology concepts building from the simple levels of cell components and organelles to more complex concepts of organisation and expression of the genome, the cytoskeleton and extracellular matrix structures, information transduction, cell-cell interactions and cell specialisation.

**Courses:** ED50, LS37, LS50, SC01  
**Corequisites:** LSB118  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB245 ANATOMY 2 AND INTRODUCTORY PATHOLOGY

This unit of human anatomy is partly an extension of LSB145 and includes a study of the cardiovascular system, lymphatic system, respiratory system, digestive system, renal system, nervous system, eye, ear, endocrine system and the reproductive systems. It also includes a study of the application of scientific methods to the study of the general principles of disease processes and the major diseases of organ system.

**Courses:** PH38 **Prerequisites:** LSB145  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB250 HUMAN PHYSIOLOGY

Topics examined in this unit include the following: basic mechanisms cells, fluids, electrolytes; energy metabolism; nutrients; transport mechanisms; blood; communication and control; excitable tissues; control systems nervous and endocrine; maintenance systems gastrointestinal, cardiovascular, respiratory, renal; integrated mechanisms; sexual development; pregnancy; parturition; lactation; control of growth; food intake; organic metabolism; body temperature; ECF osmolality and volume; blood pressure and flow; respiration; response to tissue damage; adaptation to stress. This unit includes a practical program of two hours per week.

**Courses:** LS37, OP42  
**Prerequisites:** LSB150 or LSB152  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB255 HUMAN ANATOMY

The medically oriented biological scientist requires a detailed understanding and knowledge of human anatomy. This unit exposes the student to the theoretical and practical facets of both microscopic and macroscopic anatomy of the human body with the emphasis on the microscopic anatomy.

**Courses:** LS37, PU40, PU43  
**Prerequisites:** LSB118 (LS37 students only)  
**Corequisites:** LSB250 (LS37 students only)  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB258 PRINCIPLES OF HUMAN PHYSIOLOGY

The aim of this unit is to provide a grounding in the principles of human physiology. Following

an introduction to the organisation of tissues, each of the major systems that constitute the human body is introduced by the integrated study of their structure and function.

**Courses:** LS50, SC01  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB275 BIOMOLECULAR SCIENCE

This unit addresses the structures and functions of proteins, carbohydrates, lipids and nucleic acids, basic enzymology, mechanisms of cellular energy production and the role of ATP. Study includes the metabolism of carbohydrates, lipids and amino acids and the fundamentals of protein biosynthesis and molecular biology.

**Courses:** OP42, PU40  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB282 BIOSCIENCE 2

This unit includes the introduction to diseases, infections and treatments and the body defence systems and control of infection. It considers in depth the respiratory and cardiovascular systems and diseases which affect these systems.

**Courses:** NS40, NS48  
**Prerequisites:** LSB182 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB308 BIOCHEMISTRY

This unit includes the following: the basic biochemistry of amino acids, peptides and proteins, carbohydrates and nucleic acids; lipid biochemistry and membrane function; basic enzymology; energy production in cells, high energy molecules, thermodynamics and bioenergetics.

**Courses:** ED50, IF29, IF34, IF39, IF71, IF87, IX02, IX14, SC01, SC30  
**Prerequisites:** PCB242, LSB238  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB309 INTRODUCTION TO INTELLECTUAL PROPERTY LAW

Intellectual property protection is undoubtedly of paramount importance in the research, development and commercialisation of emerging technologies. Managers and researchers need to be aware of the different types of property that can be protected and how the property needs to be protected. There have also been significant developments in the field of intellectual property law in recent years. The concepts taught in Introduction to Intellectual Property Law are of significant relevance to persons intending to practice in the emerging fields of science.

**Courses:** LS50  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB321 SYSTEMATIC PATHOLOGY

This unit includes the applications of general pathology to the study of diseases of the organ systems: cardiovascular, respiratory, alimentary, urogenital, nervous, musculoskeletal, endocrine, haematologic and skin.

**Courses:** PH38 **Prerequisites:** LSB221  
**Contact hours:** 3 per week **Credit points:** 8  
**Campus:** GP **Sem:** 1

#### ► LSB325 BIOCHEMISTRY

The study of cell biology and biochemistry, along with anatomy and physiology, provides the students with the knowledge required for the proper understanding of the functioning of the human body and its organ systems in health and disease, as a preparation for their clinical studies.

**Courses:** LS37, LS50  
**Prerequisites:** PCB242 **Corequisites:** LSB338  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB328 MICROBIOLOGY 1

This is an introductory core unit in microbiology dealing with aspects of microbial diversity, ecology, classification and taxonomy, structure and function, nutrition and metabolism, growth and reproduction, genetics, control and host-microbe interactions.

**Courses:** LS37, LS50, SC01  
**Prerequisites:** LSB118, PCB242  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1



**► LSB338 CELL AND MOLECULAR BIOLOGY 2**

This continues and expands on the topics introduced in LSB238 Cell and Molecular Biology 1. This unit integrates gene structure and the architecture and organisation of eukaryote chromosomes with the basic cellular processes associated with gene expression, mutation, DNA repair, replication and recombination from a molecular genetic perspective. The molecular mechanisms that underlie cell communication, cell cycle control, cell proliferation and cell death, and the integration of these processes in functional tissues are also explored.

**Courses:** LS37, LS50, SC01

**Prerequisites:** LSB238

**Corequisites:** SC01: LSB308; LS37, LS50: LSB325

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► LSB345 REGIONAL & IMAGING ANATOMY 1**

This unit focuses on the regional anatomy of the head, neck, upper limb, lower limb and the anatomy of the structures of the above regions which are visualised by medical imaging modalities.

**Courses:** PH38, PH90

**Prerequisites:** LSB145, LSB245

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► LSB358 PHYSIOLOGY 1**

The aim of this unit is to provide a thorough examination of the functional organisation of the human body. The subject provides a useful frame of reference for students enrolled in courses such as biology, biochemistry, microbiology, molecular biology, nutrition and human movements. The subject is offered in conjunction with LSB458 which runs in second semester and as a prelude to the third level subjects, Advanced Physiology [LSB558] and Clinical Physiology [LSB658].

**Courses:** SC01, PU40, PU43, HM42, ED50  
**Prerequisites:** LSB131 or LSB142 or LSB258 or NRB270

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► LSB365 PATHOLOGY**

Pathology introduces students to the study of the disease processes underlying the major diseases of human organ systems. General disease processes of the major specific diseases of the organ systems are introduced, and then become the focus in systematic pathology. An understanding of general and systematic pathology is fundamental to the application of basic biomedical knowledge to clinically relevant states and the major diseases. This unit provides students with the foundation knowledge needed for subsequent clinical semesters. On completion of this unit, students should know, understand and be able to apply facts, concepts and terms related to disease processes and the major diseases occurring in the organ systems.

**Courses:** LS37

**Prerequisites:** LSB250, LSB255

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► LSB367 PATHOLOGY**

This unit is an external unit designed to run online to meet the requirements of the students in the course who are located throughout Queensland. Pathology has a central role in most health related courses. A sound understanding of pathology is essential for the informed assessment and management of emergency patients. The unit has two main sections. The first section deals with general pathology principles (eg homeostasis, adaptation and defence, principles of diagnosis, environment and pathology, and neoplasia, circulatory disorders). The second section involves application of the general principles of pathology to major diseases and dysfunctions of each of the organ systems of the body.

**Courses:** PU40

**Prerequisites:** Anatomy & Physiology units  
**Credit points:** 12

**Incompatible with:** LSB321, LSB361, LSB475  
**Sem:** 1

**► LSB382 BIOSCIENCE 3**

Topics covered in this third Bioscience unit include the following: the physiology, pathophysiology and diseases (including infectious diseases) of the nervous, reproductive, gastrointestinal and renal system; diabetes; diseases of joints; obesity and its effects on the body; physiological demands of exercise.

**Courses:** NS40, NS48 **Prerequisites:** LSB282

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► LSB397 PLANT PHYSIOLOGY**

This unit provides a comprehensive overview of how plants grow and respond to the environment, based on mechanisms involving cellular and molecular events. Topics more or less follow the life history of the plant, and include the following: seed germination and the mobilisation of seed reserves; water and mineral-nutrient uptake; photosynthesis; responses to stresses (including water deficit, excess light, attacks by pests and pathogens); synthesis of unique chemicals; development of flowers and fruits. This is a foundation unit for continuation into plant biotechnology and ecology areas.

**Courses:** ED50, LS50, SC01

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► LSB408 METABOLISM**

This unit addresses the following: the basic pathways of metabolism of the major nutrient groups in mammals, including carbohydrates, lipids and amino acids; electron transport and oxidative phosphorylation; metabolic control mechanisms in relation to nutrient status, energy demand and the integration of specialised tissue functions.

**Courses:** ED50, SC01 **Prerequisites:** LSB308

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► LSB409 READINGS IN BIOTECHNOLOGY**

Knowledge of the practical aspects of developing a project for research and development is a fundamental aspect of real-world commercial biotechnology. In this unit, students adopt a team approach to developing and designing a research project to be undertaken in LSB709 Biotechnology Research Project. Students explore the roles of teams in assigning, performing and reporting on tasks related to the preliminary literature search and project inception, design, management and feasibility. Academic and industry mentors guide student teams through the preliminary stages of project conceptualisation and monitor progress of team activities.

**Courses:** LS50

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

**► LSB415 MICROBIOLOGY**

This unit includes a course of lectures and practicals for the health professions which covers selected topics in clinical and environmental microbiology. This unit covers microbiological terminology, classification of micro-organisms, diseases caused by micro-organisms, collection and manipulation of microbiological samples, public health concerns relating to micro-organisms and report writing skills applying microbiological knowledge.

**Courses:** PU40, PU43

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► LSB425 QUANTITATIVE MEDICAL SCIENCE**

This unit integrates physics, chemistry, biochemistry, maths and statistics for applications to chemical analysis, as preparation to clinical biochemistry.

**Courses:** LS37

**Prerequisites:** LSB325, LSB338, MAB141

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► LSB428 MICROBIOLOGY 2**

This unit provides an extension of the core unit in microbiology dealing with further aspects of microbial diversity, ecology, classification and taxonomy with emphasis on human pathogens,

action of and resistance to antimicrobial chemicals, microbial mechanisms of pathogenicity, microbial molecular biology and gene expression, microbial genomics, industrial microbiology/biocatalysts, food borne pathogens and spoilers, examples of the industrial importance of microbes, and safe manipulation of pathogenic microbes.

**Courses:** SC01

**Prerequisites:** LSB328  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► LSB435 DIAGNOSTIC MICROBIOLOGY 1**

This unit builds upon foundation topics in Microbiology 1 and starts preparing the student for a career in a routine diagnostic microbiology laboratory. The overall theme is the diagnosis of human infectious diseases with bacteriology and parasitology the two key focus areas. This unit emphasises a strong commitment to professional practice by developing high level generic and specific skills. Specific lecture and laboratory class discussion points include the following (where relevant): life cycles; pathogen acquisition; infectious disease diagnosis pathways; classification systems; clinical presentations; diagnostic protocols and patient management. Students are encouraged to think critically and to discuss issues in an interactive and supportive learning environment.

**Courses:** LS37

**Prerequisites:** LSB328  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► LSB438 IMMUNOLOGY 1**

The mechanisms of the immune process including the nature of antigens, antibodies, antigen-antibody reactions, antibody formation, control of the humoral and cell-mediated immune responses, and immunisation of humans against infections are addressed in this unit.

**Courses:** LS37, SC01

**Prerequisites:** LSB328, LSB358

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► LSB445 REGIONAL & IMAGING ANATOMY 2**

This unit focuses on the regional anatomy of the back, thorax, abdomen and pelvic regions and the anatomy of the structures of the above regions that are visualised by medical imaging modalities.

**Courses:** PH38, PH90

**Prerequisites:** LSB145, LSB245, LSB345

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► LSB449 HUMAN CELL BIOLOGY**

Human Cell Biology is a continuation and expansion of the topics introduced in LSB338 Cell and Molecular Biology 2. Human Cell Biology integrates the fundamental molecular events and interactions presented in earlier units, developing and extending the context of cells in their environment and how they interact and integrate within the organism to provide all of the biological functions required by the organism to survive. Students develop an appreciation of the relationship between structure and function at the cellular level and gain an understanding of the defects that underlie common disease states including osteoporosis, diabetes, arthritis and cardiovascular disease.

**Courses:** LS50, SC01 **Prerequisites:** LSB338

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► LSB451 HUMAN PHYSIOLOGY**

This unit involves a course of lectures and practicals, similar to LSB250.

**Courses:** PU43

**Prerequisites:** LSB131  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► LSB458 PHYSIOLOGY 2**

The aim of this unit is to provide a thorough examination of the functional organisation of the human body. The subject provides a useful frame of reference for students enrolled in courses such as biology, biochemistry, microbiology, molecular biology, nutrition and human movements. The subject is offered in conjunction with LSB358

which runs in first semester and as a prelude to the third level subjects, LSB558 and LSB658.

**Courses:** ED50, HM42, PU40, PU43, SC01

**Prerequisites:** LSB131 or LSB142 or LSB258 or NRB270

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB465 HISTOPATHOLOGY 1

Histopathology and cytology are essential components of pathological diagnosis and major clinical disciplines in Medical Laboratory Science. The unit aims to impart a working knowledge of basic techniques used in clinical histopathology and research histology laboratories and the techniques involved in the current practice of diagnostic cytology.

**Courses:** LS37

**Prerequisites:** LSB255, LSB365, PCB243

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB467 PATHOPHYSIOLOGY

This unit is an external unit designed to run online to meet the requirements of students located throughout Queensland. Students are guided into the study of pathophysiology of the major body systems, leading to an understanding of the rationale for diagnostic investigations and treatments of these disorders. The unit is based on case histories and utilises a 'problem based model' approach. Topics covered include the physiological basis of pathogenesis, clinical features and treatment of major disorders of body systems, focusing on the cardiovascular, respiratory, blood, renal, nervous, gastro-intestinal, and endocrine systems. A variety of assessments are used during the semester to reinforce the understanding of the topics.

**Courses:** PU40

**Prerequisites:** Anatomy and Physiology units

**Credit points:** 12 **Incompatible with:** LSB658  
**Campus:** GP **Sem:** 2

#### ► LSB468 MOLECULAR BIOLOGY

This unit introduces techniques for the isolation, purification and genetic engineering of nucleic acids. It includes procedures for gene detection and analysis, gene isolation, cloning, amplification, library construction and screening.

**Courses:** LS50, SC01

**Prerequisites:** LSB238, LSB308

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► LSB475 DISEASE PROCESSES 4

This unit includes the principles of the study of disease dealing with the causes and nature of circulation disorders, degenerative processes, metabolic and nutritional disorders, disturbances of development and growth, inflammation, infections and infestations, regeneration and repair, and neoplasia. The unit includes the applications of general pathology to the study of diseases of the heart and circulatory system, digestive system, respiratory system, urogenital system, endocrine system, nervous system, haematological system and skin.

**Courses:** PU43

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB480 PROFESSIONAL PRACTICE

This unit introduces students to the pathology laboratory workplace. The student undertakes a four week work experience program in a city or country pathology laboratory during the summer vacation between semesters 4 and 5 of the full-time course and between semesters 8 and 12 of the part-time course.

**Courses:** LS37

**Corequisites:** LSB400, LSB410, LSB430, LSB450, LSB460

**Campus:** GP **Sem:** 2

#### ► LSB492 MICROBIOLOGY

This is an introductory core unit of microbiology for students of optometry and podiatry with an introduction to micro-organisms, control of microbial populations and clinical conditions relevant to optometry and podiatry.

**Courses:** OP42

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB497 PLANT MOLECULAR BIOLOGY

This is an intermediate level unit that complements and extends the knowledge and skills obtained in the core biotechnology units to provide a basis for those intending to undertake more advanced plant biotechnology units. This unit integrates the fundamentals of plant molecular biology, plant biochemistry and plant cell culture to teach the molecular basis of plant development. Topics covered include the following: basic plant molecular biology; the genetic basis of control of plant development; cell signalling in plants; model systems for studying gene function; plant genome maps; manipulation of plants in vitro; plant responses to biotic and abiotic stress.

**Courses:** LS50, SC01

**Prerequisites:** LSB338 **Corequisites:** LSB468

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB508 ADVANCED METABOLISM

Detailed information is provided in this unit on the catabolic and anabolic pathways for the major molecules in mammalian systems. Important aspects of non-mammalian metabolism are described. Advanced concepts in bioenergetics and thermodynamics are described in the context of cellular metabolism. Integration of metabolism including production of mixed conjugates of biological significance such as amino-sugars and lipopolysaccharides, and hormonal regulation of metabolism are included.

**Courses:** SC01

**Prerequisites:** LSB408

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB509 MEDICAL BIOTECHNOLOGY

Students undertaking Medical Biotechnology should have a thorough understanding of diagnostics and therapeutics in the commercial environment of biotechnology. LSB509 aims to increase the students' understanding of molecular and cellular-based diagnostics and their use in genetic or biochemical mapping and identification of target genes, disease risks and traits, infectious diseases, identity testing and other forms of investigative analyses.

**Courses:** LS50, SC01 **Prerequisites:** LSB468

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB525 CLINICAL BIOCHEMISTRY 1

This course of study (along with LSB625 Clinical Biochemistry 2) provides the graduating scientists with sufficient biochemical knowledge and laboratory experience to work effectively in both the smaller general-purpose laboratory performing a limited number of biochemical tests and the larger specialised laboratory performing in-depth studies of all aspects of clinical biochemistry.

**Courses:** LS37

**Prerequisites:** LSB425

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB527 BIOMEDICAL RESEARCH TECHNOLOGIES

This unit complements the study of nucleic acid based research and diagnostic technologies studied in LSB598, by providing an understanding of the methodology and application of those protein based technologies that are important in biomedical research and diagnostic investigations.

**Courses:** SC01

**Prerequisites:** LSB308

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB528 ENVIRONMENTAL MICROBIOLOGY

This unit is designed to provide students with an understanding of how the microbial world interacts with the environment. Topics covered include the following: microbial ecosystems; symbiotic relationships (plants and microbes, animals and microbes); an introduction to biogeochemical cycles including microbial transformations (carbon cycles, methanogenesis, nitrogen cycle, sulphur cycles); plant and soil microbiology; water microbiology; bioaerosols; bioremediation of polluted environments.

**Courses:** SC01

**Prerequisites:** LSB428

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LSB535 MICROBIAL IMMUNOLOGY

This unit builds on the concepts developed in Immunology 1 to introduce students to the life cycles of a variety of pathogens, particularly viruses, and the mechanisms employed by a host to avoid infection.

**Courses:** LS37, SC01 **Prerequisites:** LSB438

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB537 GENETIC ENGINEERING

Genetic Engineering aims to impart an understanding of the manipulative skills involved in experiments aimed at recombining DNA molecules and an understanding of the analytical skills required in characterising target DNA molecules using the global online genetic databases. Genetic Engineering and its prerequisite LSB468 together encompass all of the theoretical background and manual skills required by graduates to perform basic nucleic acid manipulations and to undertake investigative analysis using online and local facilities in clinical and research laboratories.

**Courses:** LS50, LS70, LS80, SC01

**Prerequisites:** LSB468

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB547 BACTERIAL PATHOGENESIS AND DISEASE DIAGNOSIS

This advanced level unit provides a comprehensive examination of those bacterial pathogens that are associated with human disease from both a cellular and a molecular perspective, an essential starting point for a better understanding of infectious disease pathogenesis. The key role of the clinical bacteriologist and clinical laboratory protocols is also presented and critically discussed with respect to bacterial pathogen laboratory diagnosis (ie specimen management, pathogen isolation and identification) and antimicrobial therapies. Students are encouraged to think critically and to discuss issues in an interactive and supportive teaching and learning environment.

**Courses:** SC01

**Prerequisites:** LSB428

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB555 HAEMATOLOGY 1

This unit introduces the discipline of haematology and the routine procedures performed in the haematology section of a pathology department, and introduces the concepts of anaemia and its investigation. This unit provides a detailed understanding of the common erythrocyte disorders. Diagnostic procedures, aetiology, pathophysiology, clinical manifestations and treatment of each disorder are included.

**Courses:** LS37

**Prerequisites:** LSB325, LSB365, LSB465

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB558 ADVANCED PHYSIOLOGY

This unit is divided into 2 areas: a lecture course on recent advances in physiological knowledge and a practical component that introduces experimental design. Using an emphasis on current research developments, selected physiological areas including the cardiovascular and neurological systems, are considered in depth to extend prior knowledge of physiology. The practical course introduces aspects essential for the correct design of scientific experiments.

**Courses:** SC01

**Prerequisites:** LSB358, LSB458

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LSB565 HISTOPATHOLOGY 2

Histopathology is an essential component of pathology and one of the major clinical disciplines in Medical Laboratory Science. Students are introduced to advanced techniques and methods of handling histopathological specimens. Students acquire sufficient scientific and technical expertise to enable them to carry out and to understand a range of techniques used routinely in clinical histopathology and histology research laboratories.



**Courses:** LS37

**Prerequisites:** LSB255, LSB365, LSB465

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► LSB568 ELECTRON MICROSCOPY

This unit provides the following: a theoretical and practical background to the operation and use of scanning and transmission electron microscopes in biological science; basic principles of specimen preparation with emphasis on methods complementary to biology, microbiology and molecular biology; analytical capabilities of electron beam instruments; other advanced imaging instrumentation.

**Courses:** SC01

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► LSB577 PLANT BIOTECHNOLOGY 1

The potential of plant biotechnology can be recognised only as a result of the significant advances being made in technologies enabling the genetic manipulation of plants. Familiarity with the strategies, techniques and breadth of applications is essential as a basis for anyone planning a career in plant biotechnology. In this unit, students are presented with an integrated picture of the current technology and applications used for the genetic manipulation of plants (including advanced cell and tissue culture and transformation technologies). The unit is designed with a significant emphasis on achieving technical expertise and to provide a basis for the more advanced applications presented in Plant Biotechnology II.

**Courses:** LS50, LS70, SC01

**Prerequisites:** LSB468 **Corequisites:** LSB537

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► LSB578 VIROLOGY

Lectures and practical classes are designed to introduce students to the basic concepts of virology. A range of viruses and virus diseases are examined and topics include viral morphology and composition, taxonomy and classification, replication, purification, diagnosis and assay, transmission and control.

**Courses:** SC01

**Prerequisites:** LSB328, LSB468

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► LSB605 PROTEIN ENGINEERING AND BIOPROCESSING

The ultimate goal of most biotechnology processes is the production of a viable organism or functional protein. This unit deals with the factors that determine success in achieving these goals. It builds on information delivered in Molecular Biology, Genetic Engineering and Genomics, defining the special considerations that apply to different expression systems and the unique difficulties of scale-up procedures for commercial development.

**Courses:** LS50, SC01

**Prerequisites:** LSB308 **Corequisites:** LSB468

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB607 PROTEIN PURIFICATION

This is an advanced biochemistry unit to prepare students for research careers. A series of critical thinking workshops and closely supervised group practical projects create a problem-based learning environment which is used to refine and evaluate generic capabilities of critical thinking, project management, information literacy and communication.

**Courses:** LS70, SC01 **Prerequisites:** LSB308

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB608 PROTEIN SCIENCE

This unit includes lectures, tutorials and practicals dealing with properties and analyses of proteins. Students gain knowledge and experience of the forces that determine protein structure, and an understanding of the techniques for analysing and altering protein properties. Discussions include methods of sequence analysis, algorithms for structure prediction, design and construction of

synthetic proteins, and evolution and significance of structural motifs.

**Courses:** SC01

**Prerequisites:** LSB308

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB609 MEDICAL BIOTECHNOLOGY 2

In this unit, students gain a thorough understanding of diagnostics and therapeutics in the commercial environment of biotechnology. LSB609 aims to increase the students' understanding of cell-based strategies, approaches and applications used as therapeutic interventions in medicine. The unit focuses on current, state-of-the-art and emerging technologies and applications within biotechnology as directed to novel therapeutic discovery, design, development and delivery of clinical therapeutic strategies including tissue transplantation and regeneration, cellular therapies, genetic therapies, immunotherapies, clinical, ethical and regulatory affairs.

**Courses:** LS50, SC01 **Prerequisites:** LSB509

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB619 GENOMICS & BIOINFORMATICS

The completion of the Human Genome project, along with similar projects on other eukaryote organisms, marks the beginning of a major revolution in fundamental biology that will, ultimately, reach into all corners of human life. Students undertaking any careers associated with the biotechnology, whether it be scientific investigation or related to the business or legal aspects of biotechnology require an understanding of eukaryote genome structure and function, and approaches to analysis of genome structure that are addressed here.

**Courses:** LS50, LS70, LS80, SC01

**Prerequisites:** LSB537

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB625 CLINICAL BIOCHEMISTRY 2

This course of study (along with LSB525) provides the graduating scientists with sufficient biochemical knowledge and laboratory experience to work effectively in both the smaller general-purpose laboratory performing a limited number of biochemical tests and the larger specialised laboratory performing in-depth studies of all aspects of clinical biochemistry.

**Courses:** LS37

**Prerequisites:** LSB525

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB628 FOOD MICROBIOLOGY

This unit covers the most significant areas of food microbiology at an advanced level. Topics include the following: aspects of microbial ecology of foods; microbial spoilage and preservation; micro-organisms of public health significance; food fermentations; predictive microbiology; the isolation and identification of microbes often present in foods. A professional attitude towards work in a microbiology laboratory and an awareness of the dangers of working with pathogenic cultures are established.

**Courses:** SC01

**Prerequisites:** LSB428

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB635 DIAGNOSTIC MICROBIOLOGY 2

This advanced level unit completes the preparation of the student for a career in a routine diagnostic microbiology laboratory by building upon foundation topics covered in LSB435. The overall theme is human infectious disease diagnosis with bacteriology, mycology and parasitology the three key focus areas. This unit continues a strong commitment to professional practice by developing high level generic and specific skills. Specific discussion points include the following (where relevant): life cycles, pathogen acquisition, infectious disease diagnosis pathways, classification systems, clinical presentations, diagnostic protocols and patient management. Students are encouraged to think critically and to discuss issues in an interactive and supportive learning environment.

**Courses:** LS37

**Prerequisites:** LSB435, LSB535

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB647 CLINICAL MYCOLOGY AND PARASITOLOGY

This is a third year unit in microbiology considering aspects of fungal taxonomy, classification of clinical mycoses, collection of material for fungal isolation, and identification of superficial, subcutaneous, systemic and opportunistic mycoses. Parasitology includes a systematic study of identification, life history, incidence, modes of infection, epidemiology and control of parasite infections in humans.

**Courses:** SC01

**Prerequisites:** LSB428

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB648 MOLECULAR MICROBIOLOGY

This advanced level unit engages closely with the most recent advances in microbial genomics, bioinformatics, molecular biology, evolutionary history, genetic analysis and pathogenic processes. It is designed for students who are interested in research in these areas or who wish to be involved in the introduction of new technologies into the practice of analytical microbiology.

**Courses:** SC01

**Prerequisites:** LSB428

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB655 HAEMATOLOGY 2

The aim of the unit is to provide students with a detailed understanding of the common leucocyte and haemostatic disorders. This unit provides a detailed insight into the common leucocyte and coagulation disorders investigated by the haematology laboratory, and reinforces knowledge acquired in the previous haematology units. The focus shifts from red cells in LSB555 to white cells here. Diagnostic procedures, aetiology, pathophysiology, clinical manifestations and treatment of each disorder are included in the discussion of the disorders. This unit, along with a previous unit LSB555, prepares students for work in a haematology laboratory as a diagnostic scientist.

**Courses:** LS37

**Prerequisites:** LSB555

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB657 PERSPECTIVES IN LIFE SCIENCE

Positive and negative aspects of humanity's utilisation of resources are critically analysed in this unit. Topics include the following: humanity's food supply; humanity's profligate consumption of energy; global climate change; losses of soils, ecosystems and species; contemporary aspects of biotechnology such as the GM food debate and ethical aspects of medical and corporate biotechnology.

**Courses:** ED50, SC01

**Prerequisites:** LSB118

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB658 CLINICAL PHYSIOLOGY

In this unit, students explore the physiological basis, pathogenesis, clinical features and treatment rationale of the major disorders of the cardiovascular, respiratory, haematological, renal, gastrointestinal, nervous and endocrine systems. One of the objectives of the unit is to develop critical thinking and apply this to the discussion of pathophysiological cases.

**Courses:** SC01

**Prerequisites:** LSB358, LSB458

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB665 IMMUNOHAEMATOLOGY

This course is designed to provide students with an understanding of the antigens, immune mechanisms and clinical factors involved in blood transfusion and tissue transplantation.

**Courses:** LS37

**Prerequisites:** LSB438, LSB535, LSB555

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► LSB677 PLANT BIOTECHNOLOGY 2

This unit expands on topics introduced in earlier units and addresses the more advanced and more specialised areas of plant molecular biology and

biotechnology. The unit is designed to give students an insight into the scope and future potential of plant biotechnology and includes the following topics: advanced applications of transgenic plants; functional genomics and gene discovery; specific genes and gene families; molecular markers and mapping; gene silencing.

**Courses:** LS50, LS70, SC01

**Prerequisites:** LSB577

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB684 FORENSIC DNA PROFILING

The unit covers the evolution of DNA typing from restriction fragment length polymorphism (RFLP) DNA 'fingerprinting' to short tandem repeat (STR) analysis. It includes using multiplex PCR-based systems for human identification, the principles of single nucleotide polymorphism (SNP) technology, mitochondrial DNA analysis, and future trends for forensic DNA analysis.

**Courses:** SC01

**Prerequisites:** LSB338

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LSB709-1 BIOTECHNOLOGY RESEARCH PROJECT

Knowledge of the practical aspects of developing a project for research and development is a fundamental aspect of real-world biotechnology. This unit involves a small team research project based on the R and D proposal developed in LSB409 Readings in Biotechnology. The unit guides student teams through the research process from the experimentation to the writing of an assessment of the project under the guidance of academic and industry mentors. (36 credit points achieved at completion of LSB709-1, LSB709-2 and LSB709-3.)

**Courses:** LS50

**Credit points:** 12

**Campus:** GP **Sem:** 1, 2, 3

#### ► LSB709-2 BIOTECHNOLOGY RESEARCH PROJECT

Knowledge of the practical aspects of developing a project for research and development is a fundamental aspect of real-world biotechnology. This unit involves a small team research project based on the R and D proposal developed in LSB409 Readings in Biotechnology. The unit guides student teams through the research process from the experimentation to the writing of an assessment of the project under the guidance of academic and industry mentors. (36 credit points achieved at completion of LSB709-1, LSB709-2 and LSB709-3.)

**Courses:** LS50

**Credit points:** 12

**Campus:** GP **Sem:** 1, 2, 3

#### ► LSB709-3 BIOTECHNOLOGY RESEARCH PROJECT

Knowledge of the practical aspects of developing a project for research and development is a fundamental aspect of real-world biotechnology. This unit involves a small team research project based on the R and D proposal developed in LSB409 Readings in Biotechnology. The unit guides student teams through the research process from the experimentation to the writing of an assessment of the project under the guidance of academic and industry mentors. (36 credit points achieved at completion of LSB709-1, LSB709-2 and LSB709-3.)

**Courses:** LS50

**Credit points:** 12

**Campus:** GP **Sem:** 1, 2, 3

#### ► LSB850-1 RESEARCH STRATEGIES

Preparation for a career in research must include additional training and experience in cross-disciplinary and extra-disciplinary skills and strategies that build upon and enhance the student's undergraduate foundation. Key aims of this unit are to foster the intellectual skills necessary to appreciate the scientific, commercial, social and ethical implications of research, to assist in evaluating useful and pragmatic options in a research career, and to help the student communicate research ideas and outcomes effectively and articulately. Seminars and workshops conducted by staff internal and external to the School of Life Sciences specifically address these aims. (12 credit points achieved at completion of LSB850-1 and LSB850-2.)

**Courses:** SC60

**Credit points:** 6

**Campus:** GP

**Sem:** 1, 2

#### ► LSB850-2 RESEARCH STRATEGIES

Preparation for a career in research must include additional training and experience in cross-disciplinary and extra-disciplinary skills and strategies that build upon and enhance the student's undergraduate foundation. Key aims of this unit are to foster the intellectual skills necessary to appreciate the scientific, commercial, social and ethical implications of research, to assist in evaluating useful and pragmatic options in a research career, and to help the student communicate research ideas and outcomes effectively and articulately. Seminars and workshops conducted by staff internal and external to the School of Life Sciences specifically address these aims. (12 credit points achieved at completion of LSB850-1 and LSB850-2.)

**Courses:** SC60

**Credit points:** 6

**Campus:** GP

**Sem:** 1, 2

#### ► LSB851-1 READINGS IN LIFE SCIENCE 1

This unit includes the preparation of a literature review of direct and associated relevance to the Honours research project under the guidance of the supervisor(s). This unit includes the presentation of a grant proposal demonstrating a considerable knowledge, understanding and appreciation of the literature as well as a critical appraisal of future research requirements. (24 credit points achieved at completion of LSB851-1 and LSB851-2.)

**Courses:** SC60

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► LSB851-2 READINGS IN LIFE SCIENCE 1

This unit involves the preparation of a literature review of direct and associated relevance to the Honours research project under the guidance of the supervisor(s). It includes the presentation of a paper critique demonstrating a considerable knowledge, understanding and appreciation of the literature as well as a critical appraisal of future research requirements. (24 credit points achieved at completion of LSB851-1 and LSB851-2.)

**Courses:** SC60

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► LSB852-1 PROJECT

This unit includes the preparation of a paper reporting the methods and results of investigations in the Honours research projects. The paper also includes an introduction, analysis and discussion of the project in a style and length deemed to be appropriate by the Unit Coordinator. Students should relate this project work to published work already undertaken in the field. (60 credit points achieved at completion of LSB852-1 and LSB852-2.)

**Courses:** SC60

**Credit points:** 30

**Campus:** GP

**Sem:** 1, 2

#### ► LSB852-2 PROJECT

See LSB852-1 for details.

**Courses:** SC60

**Credit points:** 30

**Campus:** GP

**Sem:** 1, 2

#### ► LSN009 READINGS IN LIFE SCIENCE 4

This unit includes a review of literature related to a potential research topic determined in consultation with the supervisor. The area can be associated with the research project topic and can be broadly or narrowly focused but should not include any significant material covered in LSN013. The review should cover the background to the area as well as recent advances and identify deficiencies and possible future research directions. The review should be a critical analysis of the area. Reviews should normally be approximately 5,000 - 10,000 words.

**Courses:** SC80

**Contact hours:** 1 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LSN011 RESEARCH SEMINARS IN LIFE SCIENCE 1

This unit includes a formal seminar to include an oral presentation (25 minutes) and question period (5-10 minutes). The presentation provides a comprehensive and informative critique of a specific topic and outlines the planned research

program, where applicable. Prescriptive guidelines and submission deadlines must be followed in this regard. The chosen topic will be in an area selected by the student in consultation with their supervisor(s) and the postgraduate coursework coordinator. This unit complements LSN013.

**Courses:** IF49, SC80

**Credit points:** 6

**Campus:** GP

**Sem:** 1, 2

#### ► LSN013 READINGS IN LIFE SCIENCE 3

This unit includes a comprehensive and critical review of the background and current literature directly related to a potential research topic. The review should identify major and minor deficiencies in the research literature and identify possible directions for future research. The review should be between 5,000 - 10,000 words and at least one draft should be presented to the supervisor prior to final submission.

**Courses:** IF49, SC80

**Credit points:** 24

**Campus:** GP

**Sem:** 1, 2

#### ► LSN023 RESEARCH SEMINARS IN LIFE SCIENCE 3

This unit includes a formal seminar to include an oral presentation (45-50 minutes) and question period (5-10 minutes) presenting a critical and in-depth analysis of the results of the postgraduate research program as well as possible future research directions in the area. Prescriptive guidelines and submission deadlines must be followed in this regard.

**Courses:** IF49, SC80

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► LSN102 CELLULAR BASIS OF DISEASE

This unit includes the following: cell injury and stress mechanisms; cellular communication; the responses of organelles, cells and tissues to injury and stress including immune, inflammation, thrombosis, ageing and neoplastic responses; transplantation and regeneration.

**Courses:** LS70, LS80

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► LSN160 EPIDEMIOLOGY FOR LIFE SCIENTISTS

This unit aims to enable students to acquire knowledge and develop critical thinking in epidemiological research. Topics covered include the following: general principles of epidemiology; rates and ratios, standardisation; types of studies; ethical issues in study design and conduct; statistics as related to epidemiology; criteria for causal relationship; principles of screening tests; epidemiology of infectious diseases. Information is presented in informal interlinked lectures and tutorials. Epidemiological exercises are discussed. Students develop skills in using statistical capabilities in Excel.

**Courses:** LS70, LS80

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LSN220 SURGICAL ANATOMY

This unit promotes advanced understanding of the anatomical terminology used by pathologists. The basic techniques for examining the cellular structure of the human body already acquired at work and in undergraduate study are extended to provide a more detailed knowledge of the structure and organisation of the normal human body at the levels of cells, tissues, organs and organ systems.

**Courses:** LS90

**Prerequisites:** UG Anatomy, Histology

**Corequisites:** Surgical Grossing, Pathology

**Contact hours:** 5 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 3

#### ► LSN221-1 PATHOLOGY

Pathology encompasses the study of disease processes underlying the major diseases of human organ systems. General disease processes of the major specific diseases of the organ systems are introduced, and then become the focus in systematic pathology. An understanding of general and systematic pathology is fundamental to the application of basic biomedical knowledge to clinically relevant states and the major diseases. On completion of this unit, students should know, understand and be able to apply facts, concepts and terms related to disease processes

and the major diseases occurring in the organ systems. (24 credit points achieved at completion of LSN221-1 and LSN221-2.)

**Courses:** LS90

**Prerequisites:** UG Human Anatomy, Pathology & Histopathology

**Corequisites:** LSN220

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LSN221-2 PATHOLOGY

Pathology encompasses the study of disease processes underlying the major diseases of human organ systems. General disease processes of the major specific diseases of the organ systems are introduced, and then become the focus in systematic pathology. An understanding of general and systematic pathology is fundamental to the application of basic biomedical knowledge to clinically relevant states and the major diseases. On completion of this unit, students should know, understand and be able to apply facts, concepts and terms related to disease processes and the major diseases occurring in the organ systems. (24 credit points achieved at completion of LSN221-1 and LSN221-2.)

**Courses:** LS90

**Prerequisites:** UG Human Anatomy, Pathology & Histopathology

**Corequisites:** LSN220

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► LSN223-1 SURGICAL GROSSING

This unit advances knowledge and skills in surgical grossing to levels encompassing simple and non-complex specimens. It provides an introduction to the handling of complex specimens, an introduction to molecular biology techniques, and practice in biomedical photography. The assessment in this unit promotes critical thinking, oral and written communications, teamwork, leadership and self reliance, and an awareness of the medico-legal and ethical issues associated with surgical grossing. (48 credit points achieved at completion of LSN223-1, LSN223-2, LSN223-3 and LSN223-4.)

**Courses:** LS90

**Prerequisites:** Undergraduate Human Anatomy, Histology & Pathology; work experience in a histology laboratory; currently working in an appropriate capacity in an accredited pathology laboratory.

**Corequisites:** LSN220, LSN221-1, LSN221-2

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 3

#### ► LSN223-2 SURGICAL GROSSING

This unit advances knowledge and skills in surgical grossing to levels encompassing simple and non-complex specimens. It provides an introduction to the handling of complex specimens, an introduction to molecular biology techniques, and practice in biomedical photography. The assessment in this unit promotes critical thinking, oral and written communications, teamwork, leadership and self reliance, and an awareness of the medico-legal and ethical issues associated with surgical grossing. (48 credit points achieved at completion of LSN223-1, LSN223-2, LSN223-3 and LSN223-4.)

**Courses:** LS90

**Prerequisites:** Undergraduate Human Anatomy, Histology & Pathology; work experience in a histology laboratory; currently working in an appropriate capacity in an accredited pathology laboratory.

**Corequisites:** LSN220, LSN221-1, LSN221-2

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LSN223-3 SURGICAL GROSSING

This unit advances knowledge and skills in surgical grossing to levels encompassing simple and non-complex specimens. It provides an introduction to the handling of complex specimens, an introduction to molecular biology techniques, and practice in biomedical photography. The assessment in this unit promotes critical thinking, oral and written communications, teamwork, leadership and self reliance, and an awareness of the medico-legal and ethical issues associated with surgical grossing. (48 credit points achieved at

completion of LSN223-1, LSN223-2, LSN223-3 and LSN223-4.)

**Courses:** LS90

**Prerequisites:** Undergraduate Human Anatomy, Histology & Pathology; work experience in a histology laboratory; currently working in an appropriate capacity in an accredited pathology laboratory.

**Corequisites:** LSN220, LSN221-1, LSN221-2

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► LSN223-4 SURGICAL GROSSING

This unit advances knowledge and skills in surgical grossing to levels encompassing simple and non-complex specimens. It provides an introduction to the handling of complex specimens, an introduction to molecular biology techniques, and practice in biomedical photography. The assessment in this unit promotes critical thinking, oral and written communications, teamwork, leadership and self reliance, and an awareness of the medico-legal and ethical issues associated with surgical grossing. (48 credit points achieved at completion of LSN223-1, LSN223-2, LSN223-3 and LSN223-4.)

**Courses:** LS90

**Prerequisites:** Undergraduate Human Anatomy, Histology & Pathology; work experience in a histology laboratory; currently working in an appropriate capacity in an accredited pathology laboratory.

**Corequisites:** LSN220, LSN221-1, LSN221-2

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 3

#### ► LSN259 CARDIAC ANATOMY, EMBRYOLOGY AND PATHOLOGY

This unit is designed to provide students with a thorough understanding of the embryology, anatomy and pathology of the human heart. Topics include the following: embryological development of the human heart, fetal and neonatal circulation and physiology; maldevelopment of the human heart; detailed anatomy of the adult human heart; physiology of the adult human heart; basic cardiac pharmacology.

**Courses:** PH75, PH85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LSN710 PROJECT

This unit includes a Research Project conducted in an area selected by students in consultation with their supervisor(s) and the postgraduate coursework coordinator. The first part of the project involves compilation and writing of a critical Literature Review on the research topic, focusing on clarification of knowledge gaps and including an outline of the planned research to follow. The second and major part of the project is the supervised research itself. A Research Project Report will be written in a style to evaluate and critically discuss the data. Prescriptive guidelines and submission deadlines must be followed for both the Literature Review document and the Research Project Report.

**Courses:** LS80

**Contact hours:** 5 per week **Credit points:** 48

**Campus:** GP

**Sem:** 1, 2

#### ► LSN711 PROJECT 1

In this unit, a critical Literature Review is written on a topic selected by students in consultation with their supervisor(s) and the postgraduate coursework coordinator. This review focuses on clarification of knowledge gaps and, where applicable, provides an outline of the planned research to follow in LSN712 Project 2. Prescriptive guidelines and submission deadlines must be followed for the compilation and writing of the Literature Review document.

**Courses:** LS80

**Contact hours:** 5 per week **Credit points:** 24

**Campus:** GP

**Sem:** 1, 2

#### ► LSN712 PROJECT 2

In this unit, a Research Project conducted in an area selected by students in consultation with their supervisor(s) and the postgraduate coursework coordinator. This unit normally follows on from LSN711 Project 1. A Research Project Report will be written in a style to evaluate and critically discuss the data. Prescriptive guidelines and submission deadlines must be followed for

the compilation and writing of the Research Project Report.

**Courses:** LS80

**Campus:** GP

**Credit points:** 24

**Sem:** 1, 2

#### ► LSP127 BUSINESS ASPECTS OF BIOTECHNOLOGY

Supporting a successful biotechnology industry in Australia requires an entrepreneurial framework to be developed which assists the efforts of both researchers and innovators. This unit integrates the essential entrepreneurial techniques of launching a biotechnology business. The unit focus is upon the research and development of industrial products and commercialising innovations developed in this industry. On completion of this unit the student, will be able to identify and analyse entrepreneurial opportunities and evaluate these opportunities within biotechnology. The student will also have the ability to identify and comprehend the steps involved in setting up a new biotechnology enterprise.

**Courses:** LS70, LS80

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LWB136 CONTRACTS A

This unit includes the following: formation of contracts; equitable estoppel; privity of contract; formalities; express and implied terms; an examination of promises which are legally binding; how contractual promises may be characterised and the significance of that characterisation.

**Courses:** LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB102, LWB132

**Campus:** GP, EXT

**Sem:** 1, 2

#### ► LWB137 CONTRACTS B

This unit includes the following: discharge of contracts (performance, breach, agreement, frustration); remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality); an examination of and how contractual promises may be discharged or invalidated.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB136

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB102, LWB132

**Campus:** GP, EXT

**Sem:** 1, 2

#### ► LWB138 FUNDAMENTALS OF TORTS

The law of torts is of primary importance in understanding how the Australian legal system operates to compensate the physical and/or financial harm one person suffers as a result of another's wrongdoing. Today the most significant area of the law of torts is that of negligence which is also the most commonly litigated tort action. However, a knowledge and understanding of the tort of negligence can only occur in the context of the development of the earlier torts such as trespass to the person, land and personal property. In this unit, the principles and rules of the law of torts relating to negligence and trespass actions are also examined.

**Courses:** LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB103, LWB133

**Campus:** GP, EXT

**Sem:** 1, 2

#### ► LWB139 SELECT ISSUES IN TORTS

The law of torts is of primary importance in understanding how the Australian legal system operates to compensate the physical and/or financial harm one person suffers as a result of another's wrongdoing. In the unit, Fundamentals of Torts, the principles and rules relating to the torts of negligence and trespass were examined in the context of whether these torts achieve outcomes which are consistent with contemporary legal and social values. In this unit a wider range of torts and related issues are examined so that students may develop the knowledge, understanding and skills necessary to maintain in the future their abilities in this important area of legal practice.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB138

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB103, LWB133

**Campus:** GP, EXT

**Sem:** 2

### ► LWB141 LEGAL INSTITUTIONS AND METHOD

This unit introduces students to the building blocks of law: fundamental principles, legal terminology, legal institutions, legal methodology, sources of the law, ways to interpret the law including an introduction to policy and international considerations. The material is presented as an integrated whole so that the students obtain a broad perspective and an ability to 'navigate the law' without artificially dividing any particular aspect. The unit also emphasises the joint responsibility of the teacher and the student for learning and to foster the development of skills in communication, comprehension and analysis.

**Courses:** LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB101, LWB135

**Campus:** GP, EXT

**Sem:** 1, 2

### ► LWB142 LAW, SOCIETY AND JUSTICE

This unit examines the basic tenets of our democratic liberal legal system, particularly the central concept, the rule of law. The unit begins with an historical development of rights and the rule of law. It looks at how law and values intertwine and how society at a particular time shapes notions of legal personality, the recognition of 'family' and human rights in law. It finally addresses the limitations of democratic liberalism and the rule of law by examining the reality of equality before the law in relation to such topics as gender and cultural neutrality, equal access to justice, and lawyers and the adversarial system.

**Courses:** LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB101, LWB131

**Campus:** GP, EXT

**Sem:** 1

### ► LWB143 LEGAL RESEARCH AND WRITING

This is a 'learn by doing' unit in which students are introduced to the use of all common legal research tools, in both print and electronic form, as they research a legal problem from a totally unfamiliar area of law. It also introduces students to legal writing and citation style, with an emphasis on the use of plain English.

**Courses:** LW33, LW42, LW65, LW70, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB141 **Corequisites:** LWB141

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB104, LWB134

**Campus:** GP, EXT

**Sem:** 2

### ► LWB144 LAWS AND GLOBAL PERSPECTIVES

This unit is designed to give students an understanding of the global context in which Australia operates and the important impact of this context on Australian law and legal practice. The unit introduces and explains the fundamental structures and principles of Comparative Law, Public International Law and Private International Law and examines their relevance to contemporary legal practice in Australia.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB101, LWB131

**Campus:** GP, EXT

**Sem:** 2

### ► LWB231 INTRODUCTION TO PUBLIC LAW

This unit introduces the basic institutions of government: the executive; the Parliament; the judiciary; the general principles legislative power is subject to; the principles by which executive decision-making is kept open and accountable.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB203, LWB311

**Campus:** GP, EXT

**Sem:** 1

### ► LWB235 AUSTRALIAN FEDERAL CONSTITUTIONAL LAW

This unit includes the following: the constitutional arrangements effected by the Common-

wealth Constitution; the structure and institutions of the constitution; the division of power between Commonwealth and states; the relations between the different levels of government; emphasis to Commonwealth legislative, executive and judicial powers.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB231 **Corequisites:** LWB231

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB203

**Campus:** GP, EXT

**Sem:** 2

### ► LWB236 REAL PROPERTY A

Property, rights of ownership and title are institutions at the basis of contemporary Australian society. A sound knowledge of the general principles of property and real property law is essential for any lawyer. This unit, together with Real Property B, examines general principles concerning the nature of property and real property law. Topics covered include the following: the concept of property; land ownership in Australia; native title; ownership, possession and title; ownership rights; law and equity; land transactions; the Torrens system.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB143, LWB240 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB201, LWB233

**Campus:** GP, EXT

**Sem:** 1

### ► LWB237 REAL PROPERTY B

This unit continues the examination of the general principles of real property law commenced in Real Property A. Topics include the following: co-ownership of land, leases, mortgages, easements, freehold covenants, and community titles schemes.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB236

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB201, LWB233

**Campus:** GP, EXT

**Sem:** 2

### ► LWB238 FUNDAMENTALS OF CRIMINAL LAW

An understanding of the principles of Criminal Law is of fundamental importance as it impinges upon almost every aspect of domestic, commercial, corporate and public activity in Queensland. The aim of this unit is to provide an overview of the aims and sources of Criminal Law in Queensland and to develop an understanding of the onus of proof in criminal matters. Additionally the unit explores the concept of fault elements, the criminal justice system and a selection of major offences. It also develops advocacy skills.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB202, LWB232

**Campus:** GP, EXT

**Sem:** 1

### ► LWB239 CRIMINAL RESPONSIBILITY

The aim of this unit is to build upon the principles and skills explored in LWB238 by developing an understanding of the way criminal responsibility is imposed through the complicity provisions of the Criminal Code and the common law and how the major defences and excuses operate. The unit also examines the major sentencing principles applied in Queensland.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB238

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB202, LWB232

**Campus:** GP, EXT

**Sem:** 2

### ► LWB240 PRINCIPLES OF EQUITY

The principles of Equity were originally developed to ameliorate the harshness of the common law and have since become a fundamental component of our legal system. A knowledge and understanding of the major principles of equity are necessary to an understanding of how the Australian legal system operates; it is therefore located early in the LLB degree. The aim of this unit is to provide a coherent knowledge and understanding of equitable principles within the

context of the Australian legal system as well as developing skills relevant to ongoing learning and professional practice.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB301, LWB234

**Campus:** GP, EXT

**Sem:** 1

### ► LWB241 TRUSTS

Trusts are a fundamental institution of ownership of property in equity; they are used for various purposes including estate planning, commercial and charitable purposes. A knowledge and understanding of the trust in its various forms and the equitable principles of property transfer are fundamental in understanding the impact of the principles of equity in the area of property ownership and rights. This unit seeks to provide a coherent knowledge and understanding of the law relating to trusts within the context of the Australian legal system and to develop skills relevant to ongoing learning and professional practice.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB301, LWB234

**Campus:** GP, EXT

**Sem:** 2

### ► LWB302 FAMILY LAW

This unit considers the manner in which the law treats the special social relationships that exist among members of a family and transforms them into legal rights and duties. The following aspects are addressed: the family as a legal phenomenon; methods of dispute resolution in family law; annulment of marriages; dissolution of marriages; consequences of separation and divorce, such as maintenance, child support, adjustment of interests in property and parental responsibilities.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

**Sem:** 2

### ► LWB306 PLANNING LAW

The course deals primarily with the law relating to town planning and development assessment in Queensland and the policy considerations that have shaped the law. The statutory focus of the course is on the Integrated Planning Act 1997 and planning documents made under this legislation. A range of topics is covered including the integrated development assessment system, infrastructure, dispute resolution, compensation and existing use rights.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

### ► LWB307 INSOLVENCY LAW

This unit examines the following: the insolvency of individuals and the Bankruptcy Act 1966 (Cwlth); winding up of companies; reconstructions and arrangements and voluntary administration as procedures other than winding up which may be open to an insolvent company; the law relating to receivership; relevant provisions of the Corporations Law.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1

### ► LWB308 INDUSTRIAL LAW

The employment relationship is one which effects us all, and in the light of recent legislative changes to industrial and employment law, will continue to have a profound effect on both our own lives and the lives of those with whom we come into professional contact. The study of Australian industrial law will draw on the students' knowledge of contract, tort and constitutional law and introduce the legislative and common law bases by which industrial relations are conducted in this country.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** EXT

**Sem:** 2

**► LWB309 SUCCESSION**

This unit includes the following: examination of the law with respect to wills and probate; a study of the formalities required to execute a valid will; the intestacy provisions where someone dies without having made a will; the rights of a testator's family when they have not been named as a beneficiary in the deceased's will; a detailed examination of the provisions of the Succession Act 1981 (Qld).

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 2

**► LWB312 REAL ESTATE TRANSACTIONS**

This unit includes an analysis of a land transaction through the principles involved in the construction of contracts for the sale of land, with special emphasis on the standard REIQ Contract Terms of Sale in use in Queensland. There is also reference to conveyancing of lots under the Body Corporate and Community Title Management Act 1997 and Land Sales Act 1984.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB132 or equivalent, LWB233 or equivalent, LWB234 or LWB240 only

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1

**► LWB313 DISCRIMINATION & EQUAL OPPORTUNITY LAW**

This unit includes the following: an examination of the law and policy with respect to discrimination and equal opportunity in Australia; relevant international treaties and Australian legislation such as the Queensland Anti-Discrimination Act; the Anti-Discrimination Commission and procedures.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1

**► LWB331 ADMINISTRATIVE LAW**

This unit examines the law relating to judicial review of administrative action public authorities, systems of merits appeal, and the law of standing in public interest litigation.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB231 **Corequisites:** LWB231

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** LWB311  
**Campus:** GP, EXT **Sem:** 2

**► LWB332 COMMERCIAL AND PERSONAL PROPERTY LAW**

This unit includes the following: fundamental concepts of personal property law (including possession and ownership); transfers of and dealings in personal property; protection of personal property interests; agency; bailment; sale of goods; introduction to trade practices law.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB233 or LWB236

**Corequisites:** LWB233 or LWB236

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** LWB303

**Campus:** GP, EXT **Sem:** 1

**► LWB333 THEORIES OF LAW**

Legal practice requires an understanding and appreciation of its philosophical and theoretical foundations, as these guide the policies and inform changes to law through legislative and judicial action. Understanding the major theoretical and philosophical approaches assists with the resolution of novel and difficult legal problems. This unit imparts both knowledge based content and process based competencies that will result in independent learning outcomes. Topics covered include Natural Law, Positivism, Dworkin, Social, Economic and Historical theories of law, Legal Realism, Sociological theories of law, Critical Legal Studies, Postmodern Legal Thought, Feminist Theories of Law, Critical Race Theory, Postcolonial Legal Theory.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB305

**Campus:** GP, EXT

**Sem:** 1

**► LWB334 CORPORATE LAW**

This unit includes the following: the basic legal principles relating to registered companies; the principle of the veil of incorporation, internal functioning of a registered company including the operation of the constitution and replaceable rules; dealings with third parties; legal rules relating to share capital, dividends and loan capital; introduction to obligations of company officers and shareholder rights. Further specialised units such as Law of Corporate Governance will be offered for students who have completed Corporate Law and wish to concentrate some of their studies in the corporations and commercial area.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB401

**Campus:** GP, EXT

**Sem:** 2

**► LWB353 SELECT ISSUES IN LAW AND GOVERNMENT**

This unit examines contemporary issues in public law and government in areas such as commercial government activity, privacy and whistleblower protection.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB231, LWB331

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1

**► LWB354 ADVANCED CIVIL PROCEDURE**

This elective unit builds on Civil Procedure (LWB431) providing advanced litigation skills in select areas. Content includes case flow management and court supervision, affidavits, limitation of actions, interrogatories, non-party disclosure, and conducting personal injuries litigation: Motor Accident Insurance Act, WorkCover Queensland Act.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB431

**Contact hours:** 2 per week **Credit points:** 8  
**Campus:** GP, EXT

**► LWB356 ADVOCACY**

Advocacy is the art of persuasion in Court and before Tribunals. This unit concentrates on developing the fundamental skills of a good advocate, namely analysis, preparation and performance. Students are required to participate in oral advocacy exercises and mock trials. Regular attendance is necessary for successful completion of this unit.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB432

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP

**► LWB359 ADVANCED TAXATION LAW**

This unit examines the taxation of business entities. The taxation processes for partnerships, trusts and companies are analysed together with the implications for the taxation of individuals involved with business entities. These individuals include partners, beneficiaries, trustees and company shareholders. This unit builds on the principles developed in Introduction to Taxation law in relation to taxation of individuals in that the concepts of income, deductions, residence and so on are discussed in the context of business entities. Tax planning issues involving entities are critically analysed and reflected on together with the effect of the general anti-avoidance provisions in the taxation legislation.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB364

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 2

**► LWB361 DRAFTING**

This skills unit uses an interactive practical approach in teaching students the rules in drafting private legal documents in plain English. The general rules are considered first and then applied

in drafting documents and parts of documents from the areas of conveyancing contracts (residential and commercial land, and businesses), options, leases, mortgages, guarantees and trusts. Stamp duty is also dealt with because of the close relationship stamp duty has with documents of various kinds.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB233 or equivalent

**Contact hours:** 2 per week **Credit points:** 8  
**Campus:** GP, EXT

**► LWB363 INSURANCE LAW**

Insurance is the payment of a premium by one to another to cover the risk that an unidentified event should occur, upon which a payment in the insured sum shall be made. This course prepares students to advise insureds and insurers alike on issues such as whether a policy covers the event which has occurred and whether there are grounds upon which all or part of a claim may be refused. In addition to principles of general insurance, the course also covers selected aspects of professional indemnity insurance, directors and officers insurance and a detailed study of the statutory framework in Queensland for compulsory third party motor vehicle insurance and workers compensation. Any one interested in litigation should study insurance law.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB136, LWB137 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT **Sem:** 2

**► LWB364 INTRODUCTION TO TAXATION LAW**

This unit examines the principles relating to the powers of the Australian government to impose income tax. This includes concepts of residence of individual tax payers for taxation purposes and source of income. Students consider the distinction between income and capital as this relates to the imposition of income tax and the concept of deductions as a means of reducing taxable income. Taxation of capital gains particularly as this relates to a taxpayer's main residence, deceased estates and general transfers of assets is discussed in detail. The other major topic is a critical analysis of the need for the general anti-tax avoidance provisions and how they apply.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1

**► LWB366 LAW OF COMMERCIAL ENTITIES**

This unit examines the legal principles pertaining to a number of different structures found in commercial life. It includes a brief consideration of corporations, more detailed examination of partnerships, unit trusts and joint ventures incorporated associations. Consideration is given to the definition of these structures, relationship with third parties, and relationship of members inter se. This unit can be completed before or in conjunction with Corporate Law (LWB334).

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1

**► LWB367 LAW OF CORPORATE GOVERNANCE**

Successful completion of LWB334 Corporate Law is an essential prerequisite to undertaking this unit. This is a specialised unit providing an examination of the two organs which govern a company: the board of directors and the company in general meeting. The unit examines in some detail particular aspects of the law applicable to these bodies: some of the duties affecting directors; topical issues such as directors interests in contracts; the role of waiver of breaches and improprieties; members rights and protection; relevant aspects of meeting law; an examination of the roles of the Australian Securities Commission and the Australian Stock Exchange; the roles of the Institutional Shareholder and/or Shareholder Associations.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB334

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP, EXT

#### ► LWB406 FUNDAMENTALS OF PUBLIC INTERNATIONAL LAW

This unit considers the legal rules that govern the activities of nations and the regulation of the activities of nations by international organisations, such as the UN. It also includes the creation of international law and its sources: treaties, customary law, general principles of law; the concept of international legal personality: statehood, self-determination, recognition; the effects of international law: sovereignty, international responsibility. The law of armed conflict is also included.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 2

#### ► LWB407 PRIVATE INTERNATIONAL LAW

This unit includes the body of law governing the resolution of private legal problems with a significant foreign (or inter-state) element. Topics studied include the following: jurisdiction of domestic courts to determine matters having a foreign element; enforcement of foreign judgments in the domestic jurisdiction; choice of law for the resolution of the dispute, generally and in relation to family law, contract, tort, property and succession. This unit assumes a basic knowledge of these areas of substantive law and therefore is best taken as a final year unit.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB132 or equivalent, LWB133 or equivalent, LWB141, LWB144, LWB233 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 2

#### ► LWB410 COMPETITION LAW

This unit includes an overview of the anti-competitive practices that are proscribed by Part IV and Part XIB of the Trade Practices Act 1974 (Cth). It also deals with the remedies available for contraventions of Part IV and the possibility of obtaining authorisation from the Australian Competition and Consumer Commission. The access provisions of Part III A and Part XIC are also considered.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP, EXT

#### ► LWB412 RESEARCH AND WRITING PROJECT

This unit allows a supervised piece of research on a legal topic, and the writing of a paper of approximately 6500 words on that topic. This project offers an ideal opportunity for students to prepare topics of academic or career-related interest and to produce an item of writing which might assist in scholarship, postgraduate and career-related applications. A student wishing to undertake this unit should discuss the matter as early as possible in the semester immediately before that in which he or she proposes to undertake it, preferably with the proposed supervisor of the student's own choosing. Further instructions are available from the unit coordinator.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** Completion of 192 credit points of law units

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 3

#### ► LWB413 QUEENSLAND PARLIAMENTARY INTERNSHIP PROGRAM

This unit provides an opportunity for students to learn about the workings of the Queensland Parliament and to undertake a piece of research of interest and use to a member or senior officer of Parliament. Places are limited and preference will be given to students with a good academic record. This unit may be undertaken in semester 2,

and intending students should contact the Unit Coordinator in May of each year. Places are generally available only to students in their final year of study who have achieved a grade point average of at least 5.2 or have demonstrated other evidence of capacity for research and report writing.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** Completion of 192 credit points of law units

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► LWB417 MOOTS

The aim of this unit is to give students a broad understanding and development of oral and written arguments and persuasive speaking, and an ability to apply these skills in a courtroom context. Additionally, students will become competent in electronic courtroom software.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** Completion of all 1st and 2nd year core units

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► LWB418 COMPETITION MOOTS 1

If students have completed the core units in first and second year, enjoy working under pressure and have participated in at least one moot as counsel, they may apply when applications are called for. Places are very limited, but if students are successful, they will be able to take their skills to the national and international arena, and experience mooting at the highest level. International and national moots require significant preparation and attention to detail, with a very high level of commitment, research, writing and discipline knowledge. Because of the timetabling of international moots throughout the year, students may be required to work on a competition moot from November to February. The number of moots offered will vary from year to year.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** Completion of all 1st and 2nd year core law units plus participation in at least one Law School moot

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► LWB419 COMPETITION MOOTS 2

This unit will allow a student to build on the skills they have learnt in LWB418 Competition Mooting 1, to give them a higher level of understanding of oral and written argument and persuasive speaking, and an ability to apply these skills in an international competitive context.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB418

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► LWB420 INTERNSHIP

The aim of this unit, ideally to be undertaken in the later years of the LLB course, is to provide an opportunity for students to work in a functioning workplace environment with a broad public law focus and to enable students to engage in practical tasks, that require demonstration of legal analysis critical reflection and appropriate communication skills.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** Completion of 192 credit points of law units

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LWB431 CIVIL PROCEDURE

This core unit focuses on developing basic litigation skills. The following issues are examined: the adversarial system and alternative methods of dispute resolution, obligations to the client, the structures and processes of litigation conducted in the Supreme, District and Magistrates Courts, jurisdiction, originating process, notice of intention to defend, parties, service, ending proceedings early, pleading, disclosure, subpoenas, trial, appeals, costs and enforcement.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB404

**Campus:** GP, EXT

**Sem:** 1

#### ► LWB432 EVIDENCE

The law of Evidence concerns those rules and principles which govern the presentation and proof of facts and information in court proceedings, both civil and criminal. The unit covers both State and Federal jurisdictions.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB402

**Campus:** GP, EXT

**Sem:** 1, 2

#### ► LWB433 PROFESSIONAL RESPONSIBILITY

This unit includes the following: the ethical principles upon which the practice of all professions is based; the principles which underpin the discipline of law and the workings of the legal profession; the history, nature, organisation and operation of the legal profession; codes of conduct, trust accounts and professional legal ethics.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

**Sem:** 2

#### ► LWB434 ADVANCED RESEARCH AND LEGAL REASONING

This unit develops advanced skills of legal research, analysis, problem-solving, critical thinking, writing for diverse purposes, and topical developments in substantive areas of law.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB143 or equivalent; LWB333

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** LWB415

**Campus:** GP, EXT

**Sem:** 1

#### ► LWB451 ALTERNATIVE DISPUTE RESOLUTION

Heralded as the new Equity, alternative dispute resolution processes, particularly mediation, are being utilised by all courts and most administrative tribunals to reduce the complexity, time and cost of adversarial dispute resolution. Knowledge of these processes and skills is therefore desirable, if not essential, for all legal practitioners. This unit builds on negotiation skills modules developed in first and second year core units and introduces the theory and skills of mediation.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1, 2

#### ► LWB454 BANKING AND FINANCE LAW

This unit deals with the principal areas of activity of banks and other financial institutions in commercial and consumer transactions. It covers the banker-customer relationship including the Banking Code of Practice, the principles governing the operation of and liability in relation to negotiable instruments, the liability of financial institutions with respect to misappropriated cheques, documentary credits, Mareva and garnishee orders, credit and debit cards, and the Electronic Funds Transfer Code.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB132 or equivalent and LWB332

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1

#### ► LWB456 LEGAL CLINIC (ORGANISED PROGRAM)

In this unit, students are provided with the opportunity to see law in action through being involved in the delivery of legal services to members of the community under the umbrella of Legal Aid Queensland, the Prisoners Legal Service Inc or the Aboriginal and Torres Strait Islander Corporation (QEA) for Legal Services. Students' work in their placement is supplemented with a weekly seminar program that deals with such topics as legal interviewing, family and criminal law practice, professionalism and legal writing. This unit has a quota limit.



**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► LWB458 REGULATION OF COMMERCIAL TRANSACTIONS

This unit provides an overview of the way the Trade Practices Act 1974, and equivalent State Fair Trading legislation regulate misleading conduct, unconscionable conduct, and other unfair practices in the context of common commercial transactions. The unit also considers the provisions of the Australian Securities and Investment Act and the Financial Services Reform Act 2001 which regulate financial services. Finally, the unit considers the way the Trade Practices Act regulates unsuitable and defective products released into the market place.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12

**Campus:** GP, EXT

#### ► LWB480 MEDIA LAW

This unit examines the regulation and non-regulation of freedom of speech exercised by the media. In this regard various limitations imposed by the common law, statute and self-regulation will be examined, such as defamation, restrictions on reporting courts and politics, contempt, privacy and confidentiality.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB138, LWB139 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

**Sem:** 2

#### ► LWB482 INTERNET LAW

This unit addresses the idea that it is vital for any participant in the digital age to gain a thorough knowledge of the structure, governance and regulation of the Internet, digital intellectual property, and risk management strategies for stakeholders.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12

**Campus:** GP, EXT

#### ► LWB483 MEDICO-LEGAL ISSUES

This unit considers the regulation of health care as well as the relationship between the individual and the health care provider in terms of consent to treatment; negligence; the impact of the criminal law, abortion, removal from life support systems; mental illness; medical records and evidence; ownership and confidentiality of records; the duty to treat; complaints against hospitals and health care workers.

**Courses:** IF35, IF36, IF37, IF38, IF39, IF40, IF41, LW33, LW41, LW42, JS25

**Prerequisites:** LWB133 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

**Sem:** 2

#### ► LWB484 ELECTRONIC COMMERCE AND TECHNOLOGY CONTRACTS

This unit allows a student to achieve the following: examine and critique the law relating to electronic commerce and technology contracts; gain an awareness of the essential clauses in computer system acquisition agreements; understand essential clauses in software development, licensing and distribution agreements; appreciate civil and criminal liability and risk management strategies; develop a focus of critique about the underlying design, content, and practice of electronic commerce.

**Courses:** LW33, LW42, IF07, IF10, IF35, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1

#### ► LWB485 ENVIRONMENTAL LAW

This unit provides an introduction to environmental law in Queensland: the sources, nature and development of environmental law in Queensland; the concepts of environmental law (for example property, administrative control, law and policy, planning, management); access to the environment; planning to prevent environment degradation and pollution; protecting the environment; managing the environment; conserva-

tion; ecologically sustainable development; enforcement of environmental law; the role of the Commonwealth.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12

**Campus:** GP, EXT

#### ► LWB486 INTELLECTUAL PROPERTY LAW

This elective unit provides an introduction to the most significant of the legislative enactments creating or protecting intellectual property in Australia, including those governing copyright, designs, patents and trade marks. It also considers the application of relevant common law, particularly confidential information and passing off.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Contact hours:** 2 per week **Credit points:** 12

**Campus:** GP, EXT

#### ► LWB489 NATIVE TITLE LAW AND PRACTICE

**Courses:** LW33,

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

**Sem:** 2

#### ► LWB492 SECURITIES

This unit examines security interests commonly taken by providers of credit when advancing money. One of the common securities obtained by lenders in practice is a mortgage over real property. Given the practical importance of this as a form of security, the nature of a Torrens title mortgage, the rights of the mortgagee and enforcement options of the mortgagee are examined. Other securities examined are guarantees, bills of sale over personal property and possessory liens. Because the Consumer Credit Code regulates most transactions involving the provision of consumer credit, the impact of this legislation on securities is also examined. Provisions of the Trade Practices Act 1974 as they affect the validity and operation of securities are also considered.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB233 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

#### ► LWB494 PRINCIPLES OF SENTENCING

This unit seeks to examine in detail the principles underlying the sentencing of offenders, by examining the theories of punishment and how they are employed in practice under the Penalties and Sentences Act 1992 (Qld). It considers the principles of sentencing offenders, sentencing dispositions, and sentencing different classes of offenders, eg juveniles, dangerous offenders.

**Courses:** LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

**Prerequisites:** LWB232 or equivalent, or JSB022 or equivalent, JSB024 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1

#### ► LWN022 BANKING AND FINANCE LAW

This unit includes the following: the new regulatory scheme imposed by the Financial Services Reform Act 2001 (Cwlth) and the Australian Securities and Investments Commission Act 2001 (Cwlth); the commercial use of bills of exchange; statutory protection of financial institutions in relation to the payment and collection of cheques; the operation of bank accounts and payment mechanisms such as electronic funds transfers; select issues arising out of the banker-customer relationship: the banker's right of set-off, liens, combination of accounts, 'charge backs', appropriation of payments, the effect of orders for the redirection of debts and Mareva orders on financial institutions; alternative dispute resolution under the revised Code of Banking Practice.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12

**Campus:** GP

#### ► LWN025 RESEARCH PROJECT 1A

This unit requires a supervised research project of about 10,000 words over one semester ap-

proved by the Teaching, Learning and Curriculum Committee. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course.

**Courses:** LW51, LW60

**Credit points:** 12

**Campus:** GP, EXT

#### ► LWN026 RESEARCH PROJECT 2A

This unit requires a supervised research project of about 20,000 words over one semester approved by a working party of the Law Faculty Teaching, Learning and Curriculum Committee. Students should refer to the relevant course rules for the maximum credit point limit of Research Project units allowed to be undertaken as part of their course.

**Courses:** LW51, LW60

**Credit points:** 24

**Campus:** GP, EXT

#### ► LWN030 DISPUTE RESOLUTION/MEDIATION

This unit includes a study of dispute resolution processes and in particular, mediation, looking at both the theory and practice. Students are expected to be involved in a number of class workshops to learn mediation skills. Issues include the following: mediation in Australia; theories of mediation; different forms of mediation, ie neighbourhood, family, commercial; the advantages and disadvantages of mediation; when mediation is not appropriate; ethical and professional issues relating to mediation.

**Courses:** LW50, LW51, LW60

**Contact hours:** 26 in total **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LWN032 CREDIT FOR UQ SUBJECT 1

Under the course rules, a coursework student may, with the prior approval in writing of the Deans of the Faculties of Law of QUT and of the University of Queensland, undertake any combination of whole year and one semester units offered in the LLM degree by Coursework at the University of Queensland which are equivalent to no more than 24 credit points. This unit code represents a one-semester unit taken pursuant to that course rule at the University of Queensland.

**Courses:** LW51, LW60

**Credit points:** 12

#### ► LWN033 CREDIT FOR UQ SUBJECT 2

See LWN032 for details.

**Courses:** LW51, LW60

**Credit points:** 12

#### ► LWN034 CREDIT FOR UQ SUBJECT 3

See LWN032 for details.

**Courses:** LW51, LW60

**Credit points:** 24

#### ► LWN035 MEDICO-LEGAL ISSUES

This unit includes the following: the relationship between the individual and the health-care provider in terms of consent to treatment and negligence; organ and tissue donation; powers of attorney; the impact of the criminal law, abortion, removal from life support systems; medical records and expert evidence; ownership and confidentiality of records; the role of the coroner; complaints against health-care workers.

**Courses:** LW50, LW51, LW60

**Contact hours:** 26 **Credit points:** 12

#### ► LWN036 SELECT ISSUES IN INTELLECTUAL PROPERTY LAW

This unit examines a range of contemporary issues in the broad field of intellectual property law: copyright protection for digital works; the Copyright Law Review Committee (CLRC) Reports; defences in relation to computer program (reverse engineering); the protection of facts and the Database proposals; collective administration of copyright; fair dealing; copyright protection of Indigenous art and culture; moral rights and performers' rights; contracting out and the future of copyright in the digital age; patent protection for computer programs; current issues in Trade Marks (including domain names and geographical indications).

**Courses:** LW51, LW60

**Contact hours:** 26

**Credit points:** 12

#### ► LWN040 THEORIES OF JUSTICE

This unit is concerned with the assumptions that underpin arguments about what is just or unjust within various spheres of contemporary Australian society. The unit provides a framework for

evaluating the relative usefulness of various theories of justice in terms of their theoretical implications and practical applications. The unit focuses on the interface between justice post-modernism and the law.

**Courses:** LW51, LW50, LW60

**Credit points:** 12

**Campus:** EXT

**Sem:** 1

#### ► LWN043 LAW OF COMPANY TAKEOVERS

Corporations engage in takeover activity for both economic and non-economic reasons. In the last two decades there has been an overall increase in the number of takeover bids made in Australia. This course considers that part of the Corporations Law which has the purpose of regulating acquisition of shares which effect a change in a company's control. A number of firms have set up departments in their practices which specialise in Corporate Takeovers and associated areas. The Law of Company Takeovers has produced significant research and publication not just with respect to the technical rules of law but also with respect to important economic and social issues

**Courses:** LW51, LW60

**Contact hours:** 26

**Credit points:** 12

#### ► LWN046 ADVANCED PLANNING LAW

This unit includes a detailed study of town planning law with special emphasis on relevant Queensland legislation in particular the Integrated Planning Act 1997 and Regulations, and Legislation relevant to major/significant development projects. Particular emphasis is placed on the integrated development assessment system, both transitionally and under full IDAS. Topics include the following: Ecological Sustainability; Development; Application Stage; Information and Referral Stage; Notification Stage; Decision Stage; Ministerial IDAS Powers; Appeal Process; Integration with the Environmental Protection Act 1994, the Building Act 1975, the Transport Infrastructure Act 1994, the Vegetation Management Act 1999, the Water Act 2000.

**Courses:** LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1

#### ► LWN047 LEGAL EDUCATION

This unit involves an introduction to the main schools of thought on legal education. A review of legal education from an historical and socio-political perspective together with consideration of the implications on legal education of schools of contemporary thought such as feminist legal theory will be made. The unit analyses the learning process and considers student approaches to learning, adult learning theory and learning styles, a variety of teaching styles/techniques, and the appropriateness and effectiveness of each. Consideration is given to the matching of learning styles with teaching methods and the validity and effectiveness of such an approach, together with the role and implementation of training needs analyses and goal setting.

**Courses:** LW51, LW60 **Contact hours:** 26 total

**Credit points:** 12

**Campus:** GP

#### ► LWN048 ADVANCED LEGAL RESEARCH

The unit deals with the concepts, techniques and methods of legal research and other research relevant to an interdisciplinary perspective. It includes training in finding source material and the use of advanced technology in locating and organising source materials. The unit also deals with the presentation and defence of research including the respective roles of researcher and supervisor, structuring research material in support of a thesis, and the diagnosis and remedy of structural problems. It deals with the conventions of presentation, assessment of research in terms of the differing criteria for refereeing and judging worth, quality and ethics of research.

**Courses:** LW51, LW60

**Contact hours:** 26 block mode

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LWN049 INTERNATIONAL ENVIRONMENTAL LAW

International environmental law is a dynamic area of international law with implications for the

management of natural resources both in Australia and at the global level. This unit introduces the fundamental principles structuring international environmental law, discusses the principal institutions, cases and treaties in this field, and explores the impact of international environmental obligations on natural resource management in Australia. The unit highlights the particular challenges facing international environmental lawyers seeking the protection and enhancement of the global environment, as well as international environmental issues of contemporary concern.

**Courses:** LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP

**Sem:**

#### ► LWN050 RESTRICTIVE TRADE PRACTICES LAW

All countries that rely on markets and competition to allocate resources and satisfy the needs of consumers have a set of rules designed to deal with problems of market failure caused by one or more firms possessing market power. Such firms are able to undermine the competitive process by engaging in anti-competitive behaviour. This unit considers this Law.

**Courses:** LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1

#### ► LWN051 CONSUMER PROTECTION AND PRODUCT LIABILITY

This unit is divided into two main parts. The first part considers the statutory and common law actions that are available to protect consumers from misleading or deceptive conduct and unfair marketing practices. Emphasis is given to the role played by the Trade Practices Act in relation to conveyancing and land transactions, financial services and advertising. Unconscionable conduct is also considered. The second part of the unit is concerned with statutory and common law actions available when loss or damage is suffered as a result of defective products. Remedies and defences are considered throughout the course.

**Courses:** LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP, EXT

**Sem:** 2

#### ► LWN053 RESEARCH PROJECT 1B

See LWN025 for details.

**Courses:** LW51, LW60

**Prerequisites:** LWN025

**Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1, 2, 3

#### ► LWN056 RESEARCH PROJECT 1C

See LWN025 for details.

**Courses:** LW51, LW60

**Prerequisites:** LWN025, LWN053

**Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1, 2, 3

#### ► LWN057 RESEARCH PROJECT 1D

See LWN025 for details.

**Courses:** LW51, LW60

**Prerequisites:** LWN025, LWN053, LWN056

**Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1, 2, 3

#### ► LWN060 ENVIRONMENTAL LEGAL SYSTEM

This unit includes the following: analysis of the principles and concepts of environmental law in Queensland; understanding of the law in Queensland for the protection and conservation of the environment; examination of the way in which the law accommodates private interests and the public interest. Included are pollution control, environmental impact assessment, environmental management, and conservation of the natural and cultural environments.

**Courses:** LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP

**Sem:**

#### ► LWN061 NATURAL RESOURCES LAW

This unit includes the following: the principles and concepts of natural resources law in Queensland dealing with the ownership and control of natural resources, providing access to these resources, controlling the operational side of the development of these resources, and recognising commercial structures for achieving these operational objectives; an assessment of a number of

developed and evolving mechanisms for achieving these objectives such as policy objectives, management plans, incentives and inducements, market instruments and property rights. Examples include land, water and fisheries.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days

**Credit points:** 12

**Incompatible with:** LWN014, LWN027

#### ► LWN062 FEDERAL ENVIRONMENTAL LAW

This unit includes the following: the history of Commonwealth involvement in environmental management; the Inter-Governmental Agreement of 1992; relevant paragraphs of s. 51 of the Constitution; judicial interpretation of the paragraphs impact of ss 90, 92 and 109 of the Constitution; federal legislation dealing with offshore development, marine environment protection, environmental impact assessment, national estate, wildlife conservation, Great Barrier Reef, hazardous waste and industrial chemicals, world heritage, ozone protection, ecologically sustainable development, climate changes, and biological diversity.

**Courses:** LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP

#### ► LWN063 COMPARATIVE ENVIRONMENTAL LAW

This unit addresses the principles of environmental regulation in other jurisdictions and the range of policy and legal instruments being utilised to achieve environmental objectives. Jurisdictions include European countries such as the United Kingdom and Greece, South Africa, India, New Zealand and the USA.

**Courses:** LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LWN065 CONSTRUCTION AND ENGINEERING LAW

Preparation of construction and engineering contracts has now become a distinct area of legal practice with many firms having established sections which specialise in this area. A sound knowledge of the standard forms used in the industries and the special principles of law applicable to this area is essential for those wishing to practise in the area. This unit provides the knowledge sought by current and future practitioners and those considering embarking upon research in this area.

**Courses:** LW50, LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► LWN070 CREDIT FOR UQ SUBJECT 4

See LWN032.

**Courses:** LW51, LW60

**Credit points:** 24

**Campus:** GP

#### ► LWN075 INTERNATIONAL COMMERCIAL TRANSACTIONS

This unit on international trade law addresses the legal problems that arise in the formation and operation of commercial transactions of an international nature. Its scope is largely confined to the sphere of private law. Topics covered include the following: the international trade law and environment; harmonisation and unification of law; international contracts (characteristics, comparative law, negotiating and drafting, choice of law); international sale of goods (trade terms, standard conditions, uniform law); carriage of goods by sea; payment in a documentary sale, and other financing mechanisms; marketing arrangements (agency, distributorship, subsidiary, joint venture).

**Courses:** LW50, LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Incompatible with:** LWN023

**Sem:** 2 (2004)

#### ► LWN076 INTERNATIONAL COMMERCIAL DISPUTES

This unit addresses legal issues regarding the resolution of commercial disputes in international trade. It is mainly concerned with disputes in respect of international commercial relationships of a private law nature. Dispute resolution



mechanisms (such as litigation, arbitration and alternative dispute resolution) are examined, and their effectiveness evaluated, in the light of the legal and practical realities in the international trade environment. Students are introduced to a range of commercial practices, national regulation, and international uniform rules, model laws and conventions.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12  
**Incompatible with:** LWN023 **Sem:** 2

#### ► LWN083 ESTATE PLANNING

In recent years there has been a renewed interest in all aspects of estate planning. During the period when death duties were imposed at both the State and Federal levels, professional interest in this area was high as the public perceived its need for expert professional advice, particularly as it related to the structuring of a person's affairs to minimise the impost of these duties. The emergence of capital gains tax and the realisation of its growing significance, together with a recent emphasis generally on financial planning have again brought this area to prominence. At a time when the legal profession is looking for new areas at work, there is also evidence that lawyers see this area as one which has been largely neglected.

**Courses:** LW50, LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1

#### ► LWN087 CONTEMPORARY ISSUES IN TORTS

Contemporary issues in the law of torts extend beyond the tort of negligence to include areas such as the economic torts, the tortious liability of public officials, the torts of trespass and nuisance, and the emerging tort of privacy. In addition there have been significant developments in related areas such as vicarious liability and the apportioning of liability amongst multiple tortfeasors. It is, therefore, appropriate that these contemporary issues in the law of torts be the subject of an LLM unit that allows for a more sophisticated level of conceptual analysis and synthesis than was appropriate at an undergraduate level.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days

**Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LWN088 GOVERNMENT LAW, POLICY AND PRACTICE

This unit examines key aspects of the law and policy-making process surrounding the development of legislation and the operation of government, especially in Queensland and Australia. Topics covered include the following: the internationalisation of Australian law and policy making; civil and criminal liability of the crown and crown employees; scrutiny of legislation (including Queensland's 'fundamental legislative principles'); grounds for challenging legislation; crown immunity; government contract-making; native title law and practice for the public and private sectors; legal issues in government accountability; the role and function of key bodies in the executive and legislative arms of government; the governmental policy making process.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP

#### ► LWN093 BORROWERS AND SECURED LENDERS - SELECT ISSUES

This unit considers topical issues in the area of secured lending both from the perspective of the borrower and the lender. Seminars will focus on issues arising from the execution of typical securities such as real property mortgages and guarantees, both personal and corporate, together with remedies of secured lenders and possible defences of borrowers. The focus of this unit is on current issues reflecting developments in statutory and case law in Australia impacting on borrower's rights and the practices and procedures of secured lenders.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days  
**Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► LWN094 ENERGY LAW

Natural resources law and its related subject, environmental law, have become significant areas of professional legal practice over the last decade or so. One of the particular areas of natural resources law for these purposes is energy law. Energy law is the law relating to the ownership, use, development and control of those natural resources which are used to produce energy for the benefit of the community. Areas covered in this unit include the following: the sources and history of energy law; the principles and concepts underlying energy law; the common law rules of ownership of sources of energy; statutory ownership of sources of energy; how the law regulates access to sources of energy; how the law controls the development of sources of energy.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days

**Credit points:** 12 **Campus:** GP

#### ► LWN095 NATIVE TITLE LAW AND POLICY

This unit examines the legal dimensions of native title from a range of perspectives. Native title is one of the most significant and topical areas of the law affecting the public and private sectors. This course covers theoretical and practical dimensions of the topic of native title, including the following: international dimensions, comparative perspectives, elements of native title and its federal and state regulation; implications for stakeholders in the public and private sectors; policy issues; and practical steps for advisers.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP, EXT

#### ► LWN097 CORPORATE INSOLVENCY

This unit considers topics of commercial interest relevant to corporate insolvency. It concentrates on advanced areas pertinent to liquidation, receivers and other controllers, and voluntary administration in Australia. In particular, seminars focus on issues likely to arise in practice, including problems associated with statutory demands, termination of deeds of arrangement, and insurer funding of litigation.

**Courses:** LW51, LW60

**Contact hours:** 26 hours over 4 days

**Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LWN099 INTELLECTUAL PROPERTY LAW

This unit includes a study of the concept of Intellectual Property and the principles and policies of intellectual property law. Topics covered include copyright, designs, patents, innovation patents, trade marks, passing off, breach of confidence.

**Courses:** LW51, LW60

**Contact hours:** 26 hours over four days

**Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LWN100 HONOURS DISSERTATION

This unit requires a dissertation by students enrolled in the Master of Laws by Coursework who have completed 96 credit points. It is limited to students with a GPA of 6 or higher. The dissertation is between 20,000 and 30,000 words in length.

**Courses:** LW51

**Credit points:** 48 **Campus:** GP, EXT

#### ► LWN111 PUBLIC LAW AND GOVERNMENT COMMERCIAL ACTIVITY

This unit examines the reach of public law remedies in the field of commercial activities in which government agencies are involved. Areas covered include corporatisation, out sourcing and privatisation.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 2

#### ► LWN113 LAW OF GUARANTEES

Guarantees are an important area of practice for commercial lawyers as a substantial proportion of large commercial transactions involve the giving of guarantees. Guarantees are also significant for consumer finance. This unit considers formation

and validity, including comparison with other contracts; factors affecting validity, including disclosure, misrepresentation, mistake, unconscionable conduct, undue influence, s.51AB Trade Practices Act (Cwlth), s.70 Consumer Code; obligations of solicitor; liability, including principle of co-extensiveness and rules of construction; discharge of guarantee, including discharge by the determination of the principal transaction and discharge by reason of the creditor's conduct.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days

**Credit points:** 12 **Campus:** GP

#### ► LWN117 LEGAL REGULATION OF THE INTERNET

This unit studies the law as it relates to the Internet: existing legal principles applied in the online environment, and new law created due to the nature of the online environment, so called cyberlaw. A knowledge of cyberlaw is important in most areas of legal practice and particularly so in banking, intellectual property, litigation and media. This unit focuses on various Internet related topics and discusses and examines recent developments, in terms of case law, legislation and policy, in Australia and internationally. This unit includes such topics as an introduction to legal issues relating to the Internet and methods of regulation, creation and operation of websites, and jurisdictional issues on the World Wide Web.

**Courses:** LW51, LW60

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LWN119 EMPLOYMENT LAW

Employment law is a foundation unit that allows students to survey at an advanced level the sources, components and relationships of employment law in Australia. Successful completion of this unit provides students with the necessary background to continue on to undertake further advanced courses in more specialised areas of labour law, including public sector employment law and the law of trade unions.

**Courses:** LW50, LW51, LW60

**Contact hours:** 26 over 4 days

**Credit points:** 12 **Campus:** GP

#### ► LWN120 SELECT ISSUES IN MEDIA LAW AND POLICY

This unit examines the concept of freedom of speech as exercised by the media and selected limitations on that freedom imposed by the common law and statute. It also includes limitations imposed upon media institutions represented by broadcasting law, and policy and legal issues affecting the functioning of the online media environment.

**Courses:** LW50, LW51, LW60

**Contact hours:** 26 over 5 days

**Credit points:** 12 **Campus:** GP

#### ► LWN122 COMMERCIAL LEASES

This unit considers the principles governing standard clauses of a modern Australian commercial lease in the light of recent case law and Queensland statutory provisions affecting such interests. Topics include the following: negotiation of leases, covenants for repair, user, assignment, quiet possession, options to renew and purchase, the phenomenon of default, remedies of lessor and lessee including those under the Trade Practices Act 1974, and retail shop leases in Queensland generally.

**Courses:** LW51, LW60

**Contact hours:** 26 over 1 week

**Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LWN124 CONTEMPORARY FAMILY ISSUES

This unit examines a number of complex issues which can and do confront families from time to time. The first part of the unit examines those legal principles concerned with the break down of de facto relationships and the distribution of property between partners. The laws on issues such as surrogacy arrangements, access to reproductive technology, abortion, adoption and enduring powers of attorney are considered as well as the law relating to Australia's international obligations and the various ethical and social

perspectives which impact on these issues. The criminal and quasi-criminal law also impact on aspects of family dynamics and, in this context, issues of domestic violence and stalking are examined.

**Courses:** LW51, LW60

**Contact hours:** 26 over 1 week

**Credit points:** 12 **Incompatible with:** LWN003

**Campus:** GP

#### ► LWN125 ELECTRONIC COMMERCE LAW

This unit considers the following topics: introduction to electronic commerce; contractual issues; electronic signatures; electronic monies; certification authorities; cyberbanking; payment mechanisms; taxation; other legal issues in relation to legal requirements for information, including electronic information, time and place of dispatch and receipt of electronic communications and other issues.

**Courses:** LW50, LW51, LW60

**Contact hours:** 26 over 1 week

**Credit points:** 12

**Campus:** GP

#### ► LWN126 THE LAW OF COSTS

This unit provides a complete analysis of the law of costs in Queensland. The first part of the course deals with the general principles of the law of costs relevant to Queensland practitioners and the extent to which the common law rules have been modified by statute. The second part of the course is concerned with an analysis of the provisions of the Uniform Civil Procedure Rules and the Civil Justice Reform Act 1998 together with other relevant Commonwealth and State legislation governing costs.

**Courses:** LW50, LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP

#### ► LWN127 ADVANCED INSURANCE LAW 1

The unit covers the nature and definition of insurance, utmost good faith, formation of contract, proposals, etc; scope of Insurance Contracts Act 1984 (Cwlth), non-disclosure and misrepresentation, brokers and agents; Insurance (Agents and Brokers) Act 1984 (Cwlth), or Financial Services Reform Act 2001 (Cwlth) if appropriate, third parties' rights and obligations; Section 54 Insurance Contracts Act.

**Courses:** LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP

#### ► LWN128 ADVANCED INSURANCE LAW 2

This unit focuses on selected topics on insurance law which pre-suppose a knowledge of insurance law contained in LWN127 Advanced Insurance Law 1. Included are contractual terms and their interpretation, double insurance and contribution, subrogation, claims, indemnity and reinstatement, waiver and estoppel, motor vehicle compulsory third party insurance.

**Courses:** LW50, LW51, LW60

**Prerequisites:** LWN127

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP

**Sem:**

#### ► LWN129 CONTEMPORARY ISSUES IN SENTENCING LAW

Sentencing law has become a specialised area of research and practice over the past two decades in the United Kingdom and the United States, and increasingly so in Australia. In practice, this is particularly so for barristers and specialist criminal law practitioners. Increasingly, law schools have undergraduate and postgraduate units in this area. Almost all Australian jurisdictions have now introduced specialised sentencing legislation, introducing discrete principles and thereby ensuring that a separate discipline area of sentencing law has emerged, complete with its own discourse. It is therefore appropriate that sentencing law should feature as a postgraduate unit in its own right.

**Courses:** LW51, LW60, JS51

**Contact hours:** 26 over 4 days

**Credit points:** 12

**Campus:** GP

#### ► LWN131 QUEENSLAND STATE LANDS: LAW AND PRACTICE

As the unit examines a unique system of land tenures and dealings which is not studied in any great depth at undergraduate level, the focus of the unit will be on these topics: the current legislative scheme and current policies relating to non-freehold land in Queensland; contemporary issues within the context of the prevailing legislative and policy frameworks; and the development of generic skills including research skills and critical evaluation skills that may be applied in other areas of study.

**Courses:** LW50, LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP, EXT

**Sem:** 1

#### ► LWN132 PUBLIC SECTOR EMPLOYMENT LAW AND POLICY

The main topics to be addressed include the following: the contract of employment; the common law of public sector employment; appointment, discipline and appeal rights of public sector employees; termination of employment; anti-discrimination law; administrative law; case studies of local government, statutory authorities, State and Federal public sector employment law

**Courses:** LW51, LW60

**Contact hours:** 26 over 1 week

**Credit points:** 12

**Campus:** GP

#### ► LWN134 REPRESENTATIVE ACTIONS

This course is designed to provide students with a complete examination on the law relating to Representative Actions in Australia. A significant focus of the unit is the legal requirements of commonality and similarity which are preconditions to the maintenance of such an action. However practical issues encountered in representative action litigation such as pleading, opt-out, costs and notification procedures and the conduct of a representative action are also examined. The unit also deals with the interface between the traditional rules as to compromise and security for costs and the special rules that apply to representative actions. Finally recent developments and law reform proposals concerning group litigation in Australia are considered.

**Courses:** LW50, LW51, LW60

**Contact hours:** 26 in total

**Credit points:** 12

**Campus:** GP

#### ► LWN135 LAW, JUSTICE AND NEW GENETIC TECHNOLOGIES

Our ability to test, screen and manipulate the human genome is made possible by recent technological breakthroughs in science. The science of genetics is not new, but its public profile has never been higher. Current initiatives in genetic knowledge have been described as an international voyage of scientific discovery. The scientific findings are prompting major rethinking of concepts of law and justice. The legal community faces a perpetual challenge in keeping pace with the revolution in genetics. This unit looks at some legal implications of this revolution and charts the major responses of our legal system to modern genetics and biotechnology.

**Courses:** LW50, LW51, LW60

**Contact hours:** Intensive mode

**Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► LWN138 COMPARATIVE CULTURAL HERITAGE LAW

This unit includes the following: an examination of the concepts of culture and cultural heritage; the international law framework within which cultural heritage is managed and protected; an analysis of the ways in which a number of national jurisdictions approach the conservation of their cultural heritage. These include the USA, UK, the European Union, South Africa, China, New Japan, Malaysia, Zealand and Australia. The focus is on cultural heritage values associated with land and land-related resources.

**Courses:** LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP

**Sem:**

#### ► LWN139 PRIVACY LAW

This unit covers an introduction to the concept of privacy: the historical development of privacy rights and the operation and implication of state

and federal legislation and international obligations; detailed consideration of the Commonwealth private sector regime; consideration of the impact of privacy law on specific fields of practice such as health, employment, not-for-profit and banking/finance/insurance; issues relating to the Internet; compliance and code development; international regimes.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days

**Campus:** GP

**Sem:** 2

#### ► LWN142 EAST ASIAN LEGAL SYSTEMS

Because a country's legal system cannot be adequately understood by just discussing law in books, the aim of this unit is to introduce students to factors that shape a country's legal system such as its history, political systems, culture and language. It also examines key features of constitutions and particular aspects of legal systems that are unique or different from other countries.

**Courses:** LW51, LW60

**Contact hours:** 26 over 6 days

**Credit points:** 12

**Campus:** GP

#### ► LWN143 INTERNATIONAL CRIMINAL JUSTICE

This subject covers one of the most significant and topical developments in international law and human rights today: the question of the international community's response to perpetrators who are responsible for gross violations of human rights. Accountability mechanisms, such as international and national criminal courts, Truth Commissions and extradition arrangements between nations have become more prominent in the last decade, and it is clearly the role of a Law Faculty to discuss and evaluate such important developments. The unit will discuss and apply principles of international criminal law within a human rights and international legal framework.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days

**Credit points:** 12

**Campus:** GP

#### ► LWN144 CONTEMPORARY ISSUES IN CHILD LAW

This unit introduces students to selected contemporary legal issues affecting children in Australia. These issues present both legal and moral questions that have implications for legal practice and policy development. This unit gives students the opportunity to identify current legal positions about controversial issues in Australian law relating to children, and to apply advanced skills in legal research, analysis and writing to critically evaluate those positions.

**Courses:** LW51, LW60

**Contact hours:** 2 per week

**Credit points:** 12

**Campus:** GP, EXT

**Sem:** 2

#### ► LWN145 CORPORATE AND INVESTMENT REGULATION

This unit develops a forward thinking approach to corporate and investment regulation and promotes a practical and analytical appraisal of the issues arising in relation to the regulation of companies and investment.

**Courses:** LW51, LW60

**Campus:** GP

**Sem:** 1

#### ► LWN146 INTERNATIONAL AND COMPARATIVE INTELLECTUAL PROPERTY LAW (ASIA PACIFIC)

The unit provides students with an introduction to international intellectual property and policy issues and their connection with the European Union's efforts to create an internal market with a level playing field for the protection of intellectual property. The unit also considers diverging perspectives on topics ranging from the protection of traditional knowledge and folklore to high technology.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days

**Credit points:** 12

**Campus:** GP

#### ► LWN147 PATENT LAW AND COMMERCIALISATION

This unit considers patent law in the context of information technology and biotechnology products. It overviews the fundamental elements of patent law and introduces students to legal issues

involved in the commercialisation of information technology and biotechnology.

**Courses:** LW51, LW60

**Contact hours:** 26 over 4 days **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LWN148 EVIDENCE IN ORGANISED CRIME INVESTIGATIONS

In recognition of the limitations of traditional law enforcement methods in dealing with organised crime and corruption, the Commonwealth and some State governments have granted more extensive powers to their police services and created inquisitorial commissions equipped with special coercive powers. The aim of this unit is threefold: to assist investigators and other professionals to appreciate the impact of rules of evidence in this specific context; to understand how these new powers can be more effectively exercised; to inform those representing persons who are the subject of such exercise on how they can best protect the rights of their clients.

**Courses:** LW60, LW51 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► LWN150 DEATH, DECISIONS AND THE LAW

As people near the end of their lives, their medical treatment and other care raises complex medical, legal and ethical decisions. Choices about whether particular treatment should be provided or refused may have to be made, and this is complicated by the fact that many people may not have the competence at this stage in their life to be able to make these decisions. Although a competent adult may refuse treatment, another choice demanded by some is the right to end their own life and to be assisted by others to achieve this. This unit examines the legal aspects of these choices.

**Courses:** LW51, LW60  
**Contact hours:** 26 over 5 days **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LWN151 SELECT ISSUES IN PROPERTY LAW

The principles and practice relating to transactions of real property are rapidly becoming more complex. This complexity is being driven by continuing statutory intervention in what had been for many years traditionally settled relationships ie those of principal and real estate agent, buyer and seller, commercial lessor and lessee and mortgagor and mortgagee. In recent times the courts are also redefining these relationships through the extension of the law. This unit examines legislation affecting these relationships.

**Courses:** LW51, LW60  
**Contact hours:** 26 over 5 days **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LWN152 LAW OF THE EUROPEAN UNION

The European Union (EU) is now the world's largest and wealthiest trading bloc; it is also developing an increasingly significant role as a player in international diplomatic and military circles, and offers a whole new approach to the issue of the federalisation of governmental activity across national boundaries. For those reasons alone, the legal system of the EU merits study by lawyers in any nation. In a more abstract, academic vein, study of the EU provides a fascinating insight from a comparativist perspective into the difficulties of reconciling national and international interests within a single legal order.

**Courses:** LW51, LW60  
**Contact hours:** 26 over 3 weekends  
**Credit points:** 12 **Campus:** GP

#### ► LWN153 SELECT ISSUES IN ART, CULTURE AND THE LAW

This unit introduces a distinct art and culture law to Australian legal practitioners, arts practitioners and policy makers, which has been developing in the international arena since the 1980s. Creating and selling art and cultural objects is the subject of well-defined categories of law, including contracts, sale of goods and copyright, though other specific forms of regulation, such as the law governing the international movement of cultural objects, is less well-known. This unit examines the relationship between the areas of law and art and culture.

**Courses:** LW51, LW60

**Contact hours:** 26 over 5 days **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► LWN154 TRADE MARK LAW

A general knowledge of trade mark law is integral to an understanding of, and to practice in, the area of intellectual property law. The unit provides an understanding of the legal protection provided to trade marks under legislation and the common law. It introduces students to the principles of law relating to trade marks registered under the Trade Marks Act 1995 (Cth) and the protection of unregistered trade marks under the action of passing-off and the statutory provisions in the Trade Practices Act 1974 (Cth) and equivalent State and Territory legislation proscribing misleading and deceptive conduct.

**Courses:** LW51, LW60  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► LWN155 BIOTECHNOLOGY LAW

Multifaceted problems are raised by biotechnology, most of which revolve around the genetic modification of life. Wide ranging issues include the acceptability of patenting life forms, the monopolisation of basic food production with genetically modified foods, the risk and allocation of risk with the introduction of modified materials into the ecosystem, cloning and stem cell use. Professionals working in the biotechnology area need to be familiar with the legal, scientific and business issues that arise out of this developing area. The aim of this unit is to examine the law related to the globally-significant and growing area of science, business and law known as biotechnology. The focus is on issues such as genetically modified products.

**Courses:** LW51, LW60  
**Contact hours:** 26 over 5 days  
**Credit points:** 12 **Campus:** GP

#### ► LWN156 LAW, JUSTICE AND DEMOCRACY

In this unit, students explore analyses of the major issues of social philosophy including justifications of liberty, harm to others, private property rights, distributive justice, environmental harms, help to others and criminal and offensive behaviour. Students will also discuss links between law, justice and social institutions and how we might adjudicate between competing interests in society. Lawyers and other justice professionals, public administrators, and para-professionals working in the fields of law, justice or politics will find this unit useful in developing a theoretical foundation for understanding social institutions and how they interact with law and morality. Students develop your critical research and writing skills.

**Courses:** LW51  
**Credit points:** 12 **Incompatible with:** JSN005  
**Campus:** EXT **Sem:** 2

#### ► LWN157 COMPARATIVE NATIVE TITLE LAW AND POLICY

Comparative study in the complicated area of 'Native Title' is essential to the principled development of Australian law and policy. This unit has the following aims: to engender an understanding of the development of the Australian native title doctrine in comparative context; to encourage consideration of the various dimensions of the contemporary Australian law and policy with reference to global legal patterns and attention to Indigenous perspectives; to facilitate a critical and reform-oriented examination of current problems in the field in Australia.

**Courses:** LW60, LW51  
**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** GP, EXT **Sem:** 1

#### ► LWR003-1 THESIS

A dissertation is undertaken by students enrolled in LW50 Doctor of Juridical Science. The dissertation should make a notable contribution to professional knowledge and practice which may be in the form of new knowledge or significant original adaptation, application and interpretation of existing knowledge and practice.

**Courses:** LW50 **Credit points:** 24  
**Campus:** GP, KG **Sem:** 1, 2

#### ► LWR003-2 THESIS

See LWR003-1 for details.  
**Courses:** LW50 **Credit points:** 24  
**Campus:** GP, KG **Sem:** 1, 2

#### ► LWR003-3 THESIS

See LWR003-1 for details.  
**Courses:** LW50 **Credit points:** 24  
**Campus:** GP, KG **Sem:** 1, 2

#### ► LWR003-4 THESIS

See LWR003-1 for details.  
**Courses:** LW50 **Credit points:** 24  
**Campus:** GP, KG **Sem:** 1, 2

#### ► LWR003-5 THESIS

See LWR003-1 for details.  
**Courses:** LW50 **Credit points:** 24  
**Campus:** GP, KG **Sem:** 1, 2

#### ► LWR003-6 THESIS

See LWR003-1 for details.  
**Courses:** LW50 **Credit points:** 24  
**Campus:** GP, KG **Sem:** 1, 2

#### ► LWR003-7 THESIS

See LWR003-1 for details.  
**Courses:** LW50 **Credit points:** 24  
**Campus:** GP, KG **Sem:** 1, 2

#### ► LWR003-8 THESIS

See LWR003-1 for details.  
**Courses:** LW50 **Credit points:** 24  
**Campus:** GP, KG **Sem:** 1, 2

#### ► MAB100 MATHEMATICAL SCIENCES 1A

This unit includes the following: functions (polynomial, trigonometric and exponential functions; properties and graphs); differentiation and integration (derivatives and integrals for common functions and rules for differentiation and integration of composite functions; integration techniques such as substitution, parts and partial fractions; modelling and solution of problems); vectors and matrices (vectors interpreted as geometric relationships in space; matrices as representations of linear systems; aspects of vector algebra and unique, non-unique and non-existent solutions to systems of simultaneous equations); complex numbers (Argand diagrams, complex arithmetic, solution of equations).

**Courses:** BS56, ED50, ED90, IF21, IF29, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF84, IF86, IT21, IX02, IX04, IX09, IX14, MA54, MA65, MA75, MA85, PS47, PS48, SC01, SC20, SC51  
**Prerequisites:** MAB105 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAB180, MAB131  
**Campus:** GP **Sem:** 1, 2, 3

#### ► MAB101 STATISTICAL DATA ANALYSIS 1

This unit includes the following: collection and representation of data; explaining data with models; the normal (Gaussian) distribution; sampling distributions, properties of sample mean and sample variance; hypothesis testing re population mean, mean difference and variances and tests of independence; analysis of variance (ANOVA); aspects of design of experiments; modelling relationships between measurements using regression; extensions of regression; analysis of covariance; confidence intervals; estimating and tests of hypotheses about proportions and probabilities.

**Courses:** ED50, ED90, IF21, IF29, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF84, IF86, IF87, IT21, IX02, IX04, IX09, IX14, IX15, LS50, MA54, MA65, MA75, MA85, SC01, SC20, SC51  
**Prerequisites:** MAB105 or equivalent  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** EFB101, MAB135, MAB136, MAB137, MAB138, MAB893  
**Campus:** CA, GP **Sem:** 1, 2, 3

#### ► MAB105 PREPARATORY MATHEMATICS

This unit is a substitute for Senior Mathematics B for those students who need the equivalent background for the successful study of units which assume it. It includes the following: basic number facts, natural numbers, integers, rational numbers, real numbers and their operations; basic algebra; functions and equations, graphs, linear

functions, equations and applications; systems of linear equations; quadratic, exponential, logarithmic and trigonometric functions, properties and applications; introduction to calculus; rates of change; derivatives, rules of differentiation, second derivatives and maxima and minima and applications; integration and applications.

**Courses:** SC01

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB107, Prior pass in MAB100, MAB111, MAB131, MAB180, HA in Senior Maths B

**Campus:** CA, GP

**Sem:** 1, 2

#### ► MAB107 INTRODUCTORY MATHEMATICS AND STATISTICS

This unit includes the following: mathematics (introduction to the number system; algebraic operations); properties of functions (representation by graphs; linear functions including simultaneous solution and applications; quadratic functions with applications; exponential and logarithmic functions with applications); elementary trigonometric ratios with applications; introduction to mathematics of finance; statistics (exploration of data sets by graphical methods and descriptive statistics); introduction to the concepts of statistical variation, samples, probability distributions and random variables; discrete and continuous variables; types of distributions, particularly the Normal (Gaussian) distribution; introduction to interval estimation (confidence intervals) and the basic concepts.

**Courses:** CN54

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB105

**Campus:** GP

**Sem:** 2

#### ► MAB111 MATHEMATICAL SCIENCES 1B

This unit includes the following: limits and continuity; introduction to sequences and infinite series; divergence test; comparison test and ratio test; product, quotient and chain rules for derivatives; special techniques (parametric, implicit and logarithmic differentiation; inverses and their derivatives); applications of differentiation to curve sketching; Rolle's theorem, mean value theorem; hyperbolic and trigonometric functions including inverses; L'Hopital's rule; functions of more than one variable, partial derivatives, differentials and applications; Taylor series; Riemann sums; fundamental theorems of integral calculus; solids of revolution and applications.

**Courses:** BS56, ED50, ED90, IF21, IF39, IF58, IF60, IF61, IF71, IF73, IF79, IF84, IF86, IX02, IX04, IX09, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB100 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB131, MAB180

**Campus:** GP

**Sem:** 1, 2, 3

#### ► MAB112 MATHEMATICAL SCIENCES 1C

This unit includes the following: linear systems and matrices; vector algebra; coordinate systems; introduction to abstract algebraic systems; complex numbers; first and second order differential equations.

**Courses:** BS56, ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF84, IF86, IX02, IX04, IX09, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB100 or equivalent

**Corequisites:** MAB111

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2, 3

#### ► MAB131 ENGINEERING MATHEMATICS 1A

This unit includes the following: sine and cosine functions; logarithmic functions; exponential functions; revision of complex numbers; determinants; vector algebra in 2 and 3 dimensions; derivatives and their applications, differentiation, chain rule, higher derivatives, integrals and their applications.

**Courses:** CE44, CE45, CE46, EE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, IX25, ME40, ME41, ME42, ME43, ME48, SC01

**Prerequisites:** MAB100

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB111, MAB180, MAB187

**Campus:** GP

**Sem:** 1, 2

#### ► MAB132 ENGINEERING MATHEMATICS 1B

This unit includes the following: vector calculus; differentiation of vectors, velocity and acceleration; relative velocity; vector algebra; equivalent systems of forces; functions of several variables; partial derivatives; hyperbolic functions; inverse functions; inverse trigonometric and hyperbolic functions; partial derivatives; numerical methods; differential equations; multiple integrals; areas and volumes; Laplace transforms; Fourier series.

**Courses:** CE44, CE45, CE46, EE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, IX25, ME36, ME40, ME41, ME42, ME43, ME48, SC01

**Prerequisites:** MAB131 or MAB180

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB188

**Campus:** GP

**Sem:** 1, 2, 3

#### ► MAB133 ENGINEERING MATHEMATICS 2

This unit includes the following: polynomial approximations, divided differences and Newton's formula for polynomial approximation; interpolation by cubic splines; convergence of infinite power series; the use of Fourier series and harmonic analysis; quadrature methods; Laplace transform methods for differential equations; numerical solution of differential equations; direct and indirect methods of solution of large scale systems of linear equations; determination of eigenvalues and eigenvectors of large scale linear systems (power method, inverse iteration and acceleration of convergence techniques).

**Courses:** ME41, ME42, ME43, ME48

**Prerequisites:** MAB132

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB487, MAB488

**Campus:** GP

**Sem:** 1

#### ► MAB134 ELECTRICAL ENGINEERING MATHEMATICS 3

This unit includes the following: mathematics (Laplace transform; Fourier series and transforms; vector operators grad, div and curl expressed in spherical polar and Cartesian coordinates; line, surface and volume integrals of electric fields; divergence theorem and Stoke's theorem; field equations); introduction to probability and distributional modelling; conditional probability; discrete and continuous random variables; Bernoulli, binomial and Poisson processes; introduction to queues and teletraffic; estimating probabilities; electromagnetic theory (flux density; electromagnetic induction; magnetic circuits; force and field strength; magnetic hysteresis; magnetic fields around conductors; electric fields; Coulomb's Law; voltage, energy stored in an electric field).

**Courses:** EE41, EE42, EE47, EE48, IF28, IF29, IF59, IF61, ME40, SC01

**Prerequisites:** MAB132 or MAB111, MAB112

**Corequisites:** PCB136 or first level Physics unit

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB139, MAB311, MAB210

**Campus:** GP

**Sem:** 1

#### ► MAB135 ELECTRICAL ENGINEERING MATHEMATICS 4

This unit includes the following: statistics and data analysis (presenting data, use of a statistical package); normal variation and relationships between variables; confidence intervals; hypothesis testing; regression; design of experiments; introduction to reliability; mathematics (the simultaneous partial differential equations of Maxwell; solution in terms of Hertz vectors; the three dimensional wave equation; separation of variables leading to plane and spherical wave solution); Poynting's theorem and vector; simple loci and regions in the complex plane; functions of a complex variable; analytic functions; Cauchy-Riemann equations; Laplace equation; conjugate harmonic functions; complex mapping; impedance and admittance loci, basis for Smith Chart; electrostatic problems.

**Courses:** EE41, EE42, EE47, EE48, IF28, IF59, ME40

**Prerequisites:** MAB134 or MAB311

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB413, MAB101

**Campus:** GP

**Sem:** 2

#### ► MAB136 ENGINEERING STATISTICS

This unit includes the following: presentation of data; use of a statistical package; modelling data; relationships between variables; estimation; confidence intervals; tolerance limits; introduction to quality and SPC; hypothesis testing; fitting and investigating relationships; regression; design and analysis of experiments; reliability; further methods and applications of design and analysis of experiments.

**Courses:** ME41, ME42, ME45, ME48

**Prerequisites:** MAB132

**Credit points:** 12

**Incompatible with:** MAB101, MAB893, MAB135

**Campus:** GP

**Sem:** 2

#### ► MAB137 SURVEYING MATHEMATICS 1

This unit includes the following: statistics (presentation of data; use of a statistical package; modelling data; relationships between variables; estimation; confidence intervals; hypothesis testing; fitting and investigating relationships; regression); multivariate calculus (functions of several variables; definitions and uses, differentiation, multi-variable chain rule, application to error bounds) plane transformations (rotation, translation and scaling of the plane with application to cadastral surveying and mapping).

**Courses:** PS47, PS48 **Prerequisites:** MAB100

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB893, MAB101

**Campus:** GP

**Sem:** 1

#### ► MAB138 ENGINEERING STATISTICS AND NUMERICAL METHODS

This unit includes the following: presentation of data; use of a statistical package; modelling data; relationships between variables; estimation; confidence intervals; hypothesis testing; fitting and investigating relationships; regression; design of experiments; introduction to reliability; introduction to quality and SPC. It also includes numerical methods: function approximation; polynomial interpolation; cubic splines; power series; numerical solution of ordinary differential equations; linear systems.

**Courses:** CE44, CE45, CE46

**Prerequisites:** MAB132

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB487, MAB893, MAB220 and MAB101, MAB135

**Campus:** GP

**Sem:** 1

#### ► MAB139 COMPUTER ENGINEERING MATHEMATICS 3

This unit includes the following: Simpson's rule; Newton-Raphson method; eigenvalues and eigenvectors; quadratic forms; complex matrices; complex numbers and functions of complex variables; Cauchy-Reimann equations; conformal mappings; complex Fourier series; Fourier transforms; Laplace transforms; Heaviside step function; Dirac delta function; convolution theorem; probability axioms; system reliability; conditional probability; Markov chains; discrete and continuous distributions; Poisson processes; queuing and teletraffic models; Bivariate models; introduction to transformations of random variables and links with signals.

**Courses:** EE41, EE46

**Prerequisites:** MAB132 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB134, MAB485

**Campus:** GP

**Sem:** 1, 2

#### ► MAB140 QUANTITATIVE METHODS FOR OPTOMETRY AND HEALTH SCIENCE

This unit includes the following: linear, quadratic, power law and exponential processes; techniques of differentiation, integration and applications to health science modelling; matrices; data situations and types of variables; summary statistics and data features; introduction to a statistical package; modelling data; random variables and distributions; some special distributions; sam-

pling and sample statistics; estimation; confidence intervals; hypothesis testing; tests for means and proportions; p-values; tests for variances; test of independence in contingency table; goodness-of-fit tests; fitting and investigating relationships; regression; residual analysis and diagnostics; multiple regression and curve-fitting; design of experiments; introduction to non-parametric procedures.

**Courses:** OP42

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB141, MAB251,

MAB252, MAB258

**Campus:** GP

**Sem:** 1

#### ► MAB141 MATHEMATICS AND STATISTICS FOR MEDICAL SCIENCE

This unit includes the following mathematics: types of functions; differentiation and integration; determination of an interpolant for discrete experimental data; Lagrange polynomial interpolation formula and cubic spline interpolation; applications; least squares applied to linear and non-linear functions; use of quadratic formula and iterative methods; numerical interpolation. It also includes statistics: data collection and presentation; probability; binomial and Poisson distributions; hypothesis testing; confidence intervals; regression; control charts.

**Courses:** LS37, SC40

**Prerequisites:** MAB105 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB140

**Campus:** GP

**Sem:** 1

#### ► MAB180 ENGINEERING MATHEMATICS 1

This unit includes the following: sine and cosine functions, logarithmic functions, exponential functions; complex numbers; determinants; vector algebra in 2 and 3 dimensions; derivatives and their applications (chain rule, higher derivatives; integrals and their applications).

**Courses:** CE44, CE45, CE46, EE41, EE42, EE46, EE47, EE48, IF28, IF29, IF59, IF61, IX25, ME40, ME41, ME42, ME43, ME48, SC01

**Prerequisites:** MAB105 or equivalent

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB111, MAB131,

MAB187

**Campus:** GP

**Sem:** 1, 2

#### ► MAB209 MATHEMATICS FOR SOFTWARE COMMUNICATION

This unit includes the following: introductory probability and its applications; sets and functions; discrete/continuous random variables and probability distributions; measures of central tendency and spread; introduction to matrices and matrix arithmetic; applications of matrices; stochastic processes; introduction to queueing theory; Euclidean algorithm, congruencies and hashing; Euler's function and the RSA algorithm; Boolean algebra and its applications; applications of Boolean functions.

**Courses:** IT21

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB177, MAB210

**Campus:** GP

**Sem:** 1, 2

#### ► MAB210 STATISTICAL MODELLING 1

This unit includes the following: probability; independence, system reliability; using conditional probability in modelling; introductory Markov chains; random variables; special distributional models; Bernoulli process; Poisson process; exponential; introductory queueing processes; simulating processes; distribution function; Q-Q plots; goodness-of-fit tests; measures of dependence; introductory bivariate and correlation properties; conditioning arguments; non-parametric tests; assumptions and results in linear regression model.

**Courses:** BS56, ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF84, IF86, IT21, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB100 or equivalent **Corequi-**

**sites:** MAB111, MAB112

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► MAB220 COMPUTATIONAL MATHEMATICS 1

This unit includes the following: sources of error; computer arithmetic; MAPLE programming; solution of nonlinear equations in one variable; solution of systems of linear equations; interpolation; finite differences; numerical differentiation and integration; solution of first order linear differential equations.

**Courses:** ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB105 or equivalent **Corequi-**

**sites:** MAB100 or MAB131 or MAB180

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► MAB311 ADVANCED CALCULUS

This unit includes the following: polar coordinates; parametric equations; conic sections; quadric surfaces; vector-valued functions; Fourier series; functions of several variables; graphs; partial derivatives; total derivatives; Lagrange multipliers; Taylor series for multivariable functions; double and triple integrals; Green's theorems; line and surface integrals; divergence theorem; Stoke's theorem and applications.

**Courses:** ED50, ED90, IF21, IF39, IF50, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB111, MAB112 or MAB131 or MAB180, MAB132

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► MAB312 LINEAR ALGEBRA

This unit includes the following: matrix algebra; linear systems and an introduction to Maple; vector spaces; inner product spaces; eigenvalues and eigenvectors.

**Courses:** ED50, ED90, IF21, IF39, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA85, MA85, SC01, SC20, SC51

**Prerequisites:** MAB111, MAB112 or MAB131 or MAB180, MAB132

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► MAB313 MATHEMATICS OF FINANCE

This unit includes the following: interest rates; solution of problems in compound interest; applications of annuities; valuation of securities; quantitative techniques in business and finance.

**Courses:** ED50, ED90, IF39, IF50, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB100 **Corequisites:** MAB111

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB173

**Campus:** GP

**Sem:** 1

#### ► MAB314 STATISTICAL MODELLING 2

This unit includes the following: methods and models of stochastic and statistical processes with applications in engineering, information technology, finance, physical and life sciences; Markov chains; random walks; branching processes; queueing and other birth and death processes; teletraffic; long-term process behaviour; stochastic vs deterministic; process simulation; use of generating functions; bivariate and conditional distributions; transformations; beta, gamma distributions; probability transform and applications in simulations; order statistics, minimum, maximum and range.

**Courses:** ED50, ED90, EE44, EE45, EE48, IF21, IF28, IF39, IF50, IF58, IF59, IF60, IF71, IF84, IF86, IT21, IX02, IX14, MA54, MA65, MA75, MA85, ME40, SC01, SC20, SC51

**Prerequisites:** MAB101, MAB210, MAB111, MAB112 or MAB134, MAB135

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1

#### ► MAB315 OPERATIONS RESEARCH 2

This unit includes the following: the general nature of operations research; formulating, solving and analysing linear programming models; transportation, trans-shipment and assignment models; shortest-route problems; project scheduling techniques (CPM and PERT); replacement and maintenance.

**Courses:** ED50, IF39, IF50, IF58, IF60, IF71, IF84, IF86, IT21, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB112, MAB210

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► MAB413 DIFFERENTIAL EQUATIONS

This unit introduces mathematical modelling: linear differential equations; Euler-Cauchy equation; series methods; Laplace transform; transforms of derivatives and integrals; systems of differential equations; basic theory on linear systems; solution of linear systems with constant coefficients; matrix methods; special methods.

**Courses:** IF21, IF39, IF50, IF58, IF60, IF71,

IF84, IF86, IX02, IX14, MA54, MA65, MA75,

MA85, SC01, SC20, SC51

**Prerequisites:** MAB312 or MAB134

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB133

**Campus:** GP

**Sem:** 2

#### ► MAB414 APPLIED STATISTICS 2

This unit includes the following: parametric estimation, such as maximum likelihood; estimating relationships via linear regression and linear models; analysis of the method of least squares; basic inference and model choice; introduction to time-dependent data and models; forecasting models and application; introduction to sampling methods in a practical context; models for categorical data; introduction to the design experiments; ANOVA.

**Courses:** ED50, EE44, EE45, EE48, IF21, IF28, IF39, IF50, IF58, IF59, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, ME40, SC01, SC20, SC51

**Prerequisites:** (MAB101, MAB111, MAB210 and recommended MAB112) or MAB135 or

MAB136 or MAB137 or MAB138

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► MAB420 COMPUTATIONAL MATHEMATICS 2

This unit includes the following: direct methods for solving systems of linear equations; solution methods for special matrix systems; vector and matrix norms; iterative solution methods for large sparse matrix systems; approximating the eigenvalues and eigenvectors of a matrix.

**Courses:** IF21, IF39, IF50, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB220, MAB312, MAB480 or ITB111

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► MAB422 MATHEMATICAL MODELLING

This unit includes models developed with the 'real world' description. These models are taken from the areas of cancer research, population growth and engineering. Emphasis is on mathematical modelling and not on the development of new mathematical content.

**Courses:** ED50, IF21, IF39, IF50, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC51

**Prerequisites:** MAB111, MAB112 or MAB131 or MAB180, MAB132

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

#### ► MAB480 INTRODUCTION TO SCIENTIFIC COMPUTATION

This unit teaches students how to implement a mathematical algorithm in a modern scientific computing environment (eg Matlab). A case-study approach is used with an emphasis on writing efficient code. An overview of other software packages used in mathematics is included along with an introduction to parallel computing.

**Courses:** IF21, IF39, IF58, IF60, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB112 or MAB131 or MAB481

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB380, ITB849

**Campus:** GP

**Sem:** 2

**► MAB481 VISUALISATION AND DATA ANALYSIS**

This unit covers the following: the history and evolution of data visualisation; definition of data visualisation; impact of data visualisation; fundamentals of computer graphics and modern day visualisation environments; visualisation of 2-D and 3-D data; general visualisation techniques including filtering, colour map transformations, contouring, height fields, coloured height fields, interpolation, Delauney triangulation, iso-surfaces, volume visualisation, probing, slicing, streamlines, streaklines and texture mapping; visualisation of multi-dimensional data, and other data types such as finite element, vector, molecular and scatter data.

**Courses:** IF58, IF60, IT21, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB101, MAB111, MAB480 or ITB111 or ITB410 or ITN600, MAB112 recommended

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► MAB521 APPLIED MATHEMATICS 3**

This unit includes the following: special functions (gamma, delta, Bessel and error functions, Fourier series, Legendre polynomials); vector analysis and applications (vector algebra, vector calculus, fields, grad, div, curl, line and surface integrals, divergence theorem, Stoke's theorem, applications); functions of a complex variable (analytic functions, contour integrals, Laurent series, residues).

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, IF71, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB311

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► MAB522 COMPUTATIONAL MATHEMATICS 3**

This unit includes the following topics: approximation of data and functions; advanced integration and interpolation methods (Gaussian quadrature, multiple integrals); numerical determination of eigenvalues and eigenvectors (power method, similarity transformations, QR algorithm); solution of systems of non-linear equations (Newton's method, Broyden method, steepest descent); optimisation (line searches, introduction to multivariable optimisation); advanced solution methods for systems of ordinary differential equations and boundary value problems (Runge-Kutta, predictor-corrector, shooting and finite difference methods).

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, IF71, IF86, IX02, IX14, MA54, MA65, MA85, SC01, SC20, SC51, SC60

**Prerequisites:** MAB420, MAB311

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► MAB523 INTRODUCTION TO QUALITY MANAGEMENT**

This unit includes an introduction to quality management principles and the quality improvement journey concept. Topics include quality assurance and the AS9000 series, TQM, quality costs, statistical process control, flow charts, cause and effect diagram, team decision techniques.

**Courses:** ED50, ED90, IF21, IF39, IF44, IF50, IF58, IF60, IF71, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB101, MAB210

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► MAB524 STATISTICAL INFERENCE**

This unit includes the following: statistical estimation; linear models (ordinary least squares, generalised least squares, heteroscedasticity, autocorrelation); asymptotic theory (convergence in probability and distribution, weak law of large numbers, central limit theorems); maximum likelihood estimation; generalised linear models; quasi-likelihood estimation. Other topics which may be included are multicollinearity, model selection, Bayesian estimation and Markov Chain Monte Carlo methods, and nonlinear models. The computer package S-Plus is used.

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, IF86, MA54, MA65, MA75, MA85, SC01, SC20, SC51, SC60

**Prerequisites:** MAB314, MAB414

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► MAB525 OPERATIONS RESEARCH 3A**

This unit addresses the inventory theory: algorithms for linear programming; integer and mixed integer programming; travelling salesperson; vehicle routing problems; deterministic and stochastic dynamic programming.

**Courses:** IF39, IF50, IF58, IF60, IF71, IF84, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB315

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► MAB526 STATISTICAL SCIENCE 3**

This unit includes the following: fundamentals of time series analysis; time series models; nonstationary processes; seasonal ARIMA models; vector auto regression; long-range dependence and fractional ARIMA models; co-integration of nonstationary processes.

**Courses:** IF21, IF39, IF44, IF49, IF50, IF58, IF60, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51, SC60

**Prerequisites:** MAB314, MAB414

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAN526

**Campus:** GP **Sem:** 1

**► MAB580 SCIENTIFIC COMPUTATION**

This unit includes the following: supercomputing development tools such as compiler options for parallel processing, available resources; profiling scientific algorithms to determine areas where speed-up can be obtained; optimisation of scientific models and algorithms for parallel computer architectures; a major case study from science that has elements in design, application and solution strategy in a supercomputing environment.

**Courses:** IF58, IF60, IT21, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB380 or MAB480, MAB481, MAB420

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► MAB613 PARTIAL DIFFERENTIAL EQUATIONS**

This unit includes the following: derivation of certain partial differential equations; solution of partial differential equations by separation of variables, Laplace and Fourier transforms; Sturm-Liouville systems; special functions; Green's functions.

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, MA54, MA65, MA75, MA85, SC01, SC20, SC51, SC60

**Prerequisites:** MAB311, MAB413

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► MAB621 DISCRETE MATHEMATICS**

This unit includes the following: groups, rings and fields (additive groups, multiplicative groups; polynomial rings and finite fields); modular arithmetic (property and rules, congruencies, countability and uncountability); proof by mathematical induction, proof by contradiction; isomorphisms and homomorphisms between groups and rings; sets and relations (one-to-one and onto functions, logic, set operations, Boolean algebras); number theory issues (gcd, lcm and theorems involving these); fundamental theorem of arithmetic; arithmetic functions; primitive roots; Fermat's theorems; Euler's theorem; Pythagorean triples and extensions.

**Courses:** ED50, IF21, IF39, IF44, IF50, IF58, IF60, IF71, IF86, IT21, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB112

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► MAB623 FINANCIAL MATHEMATICS**

This unit includes the following: quantitative techniques in business, economics and finance; theory and structure of interest rates (general accumulation and discounting functions, force of

interest, discounting, varying interest, general annuities, varying annuities, continuous varying annuities); mathematical analysis of financial transactions in money and capital markets (yield rates, horizon analysis, duration, convexity, effects of taxation); life annuities and life assurances (the life table, basic life table functions, life annuities and assurances, policy values, paid up policy values, changes to policies); use of life table to study stationary and stable populations; population projections; multiple decrement tables; superannuation.

**Courses:** IF39, IF50, IF58, IF60, IF71, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB313, MAB311

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► MAB624 APPLIED STATISTICS 3**

This unit includes the following: design of experiments for factorial investigations, two and three-level factors; Taguchi's approach, fractions and blocking, response surfaces; general linear model; regression graphics; multi-stratum designs and analysis; repeated measures designs and analysis; linear-logistic and log-linear models; use of statistical software.

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, IF86, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB414

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** MAN624

**Campus:** GP **Sem:** 2

**► MAB625 OPERATIONS RESEARCH 3B**

This unit includes the phases of an operations research study: decision analysis; queuing theory; implementation in operations research; non-linear programming; heuristic techniques.

**Courses:** IF39, IF50, IF58, IF60, IF86, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB315

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► MAB640 INDUSTRY PROJECT**

The student usually works in industry for a short period full-time, followed by part-time. The student is assisted to develop a suitable plan to manage the project using a Gantt chart or other flow or layout techniques. Students are expected to record progress and subsequently develop an accurate report and seminar presentation.

**Courses:** IF58, IF60, MA54, SC01, SC20, SC51

**Prerequisites:** MAB523

**Corequisites:** At least 36 credit points from 3rd level mathematical sciences units

**Credit points:** 24 **Incompatible with:** MAB960

**Campus:** GP **Sem:** 2

**► MAB672 ADVANCED MATHEMATICAL MODELLING**

Models are developed beginning with the description of 'real world' problems. Emphasis is on the mathematical modelling and not on the development of new mathematical techniques.

The unit includes the following: mathematical modelling, model formulation, dimensional analysis and re-scaling; curves of pursuit, bungee jumping; modelling with systems of ordinary differential equations, phase plane methods for analysing systems of ODEs; bacterial growth in a chemostat; Predator-Prey models with harvesting; limit cycles, oscillations and excitable media; modelling with partial differential equations; motion of a continuum; continuity; traffic flow; aggregation of slime mould amoebae; momentum; ideal gas dynamics; quasi-linear PDEs.

**Courses:** IF21, IF39, IF44, IF50, IF58, IF60, IF71, IF86, IX02, IX14, MA54, MA65, MA75, MA85, SC01, SC20, SC51, SC60

**Prerequisites:** MAB422, MAB312, Recommended: MAB413

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► MAB681 ADVANCED VISUALISATION AND DATA ANALYSIS**

This unit includes the following: advanced visualisation; virtual reality and data analysis; contemporary issues in data visualisation; introduction to advanced tools; completion of a project in



advanced visualisation which demonstrates analysis, background research, investigation, development of project proposal; presentation of the project outcomes.

**Courses:** IF58, IT21, MA54, MA65, MA75, MA85, SC01, SC20, SC51

**Prerequisites:** MAB380 or MAB480, MAB481

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAN681

**Campus:** GP

**Sem:** 2

#### ► MAB730 SURVEYING MATHEMATICS 2

This unit includes the following: systems of linear equations; Gaussian elimination; matrix inversion; properties of inverses; partial pivoting; error propagation; determinants; properties of determinants; rank; compact (direct) and iterative (indirect) methods for solving linear systems; eigenvalues of 2x2 and 3x3 matrices; diagonalisation; quadratic forms; conic sections; Lagrange interpolation; divided differences; least squares methods; two-dimensional interpolation methods; Fixed-point iteration; Newton's method and Quasi-Newton methods.

**Courses:** PS47, PS48 **Prerequisites:** MAB100

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB496, MAB795

**Campus:** GP

**Sem:** 2

#### ► MAN200 MATHEMATICAL FOUNDATIONS

This unit is intended to cater for students who may not have studied mathematics for some years and who are enrolled in postgraduate coursework in mathematical science. The unit is tailored to suit individual needs. Content is organised into modules and can include material delivered in a workshop for industry participants.

**Courses:** MA65, MA75, MA85

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► MAN201 MATHEMATICS

This unit caters for students who need more than one mathematics unit to provide the necessary background for studying more advanced units in postgraduate coursework in mathematical science. Students may use material from one first level undergraduate material with extension material or combine content from more than one first level unit.

**Courses:** MA65, MA75, MA85

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

#### ► MAN526 TIME SERIES ANALYSIS

The following core content will be covered: fundamentals of time series Analysis; time series models; nonstationary processes; seasonal ARIMA models; vector autoregression; long-range dependence and fractional ARIMA models; co-integration of nonstationary processes. The computer package S-Plus will be used to implement and simulate the models and techniques developed throughout the unit.

**Courses:** IF49, MA65, MA75, MA85, SC80

**Prerequisites:** MAB314, MAB414

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB526

**Campus:** GP

**Sem:** 1

#### ► MAN624 APPLIED STATISTICS

This unit includes the following: fractional factorial designs; blocking, aliasing; development of basic statistical software (eg SAS) programming skills; modelling continuous responses using regression techniques, diagnostics, transformations, model choice and plots; modelling binary data and proportions using linear logistic models; modelling count data using loglinear models; additional reading topics from modelling survival data and hazard modelling using loglinear models; data analysis and inference techniques based on simulation techniques, such as the bootstrap; non-linear regression techniques such as regression trees.

**Courses:** IF49, MA65, MA75, MA85, SC80

**Prerequisites:** MAB414

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB624

**Campus:** GP

**Sem:** 2

#### ► MAN681 ADVANCED VISUALISATION AND DATA ANALYSIS

This unit includes advanced visualisation and data analysis tools and techniques. It includes project work involving selection, planning and research and a presentation and report on the project which indicates the use of search strategies and bibliographic systems.

**Courses:** IF49, MA65, MA75, MA85, SC80

**Prerequisites:** MAB380 or MAB480, MAB481

**Contact hours:** 4 per week **Credit points:** 12

**Incompatible with:** MAB681

**Campus:** GP

**Sem:** 2

#### ► MAN700 PROJECT

This project is based on a problem from the student's workplace or interests.

**Courses:** MA65, MA75, MA85

**Credit points:** 24

**Campus:** GP

**Sem:** 1, 2, 3

#### ► MAN717 MINOR PROJECT

This project may be related to that undertaken in MAN700 or in MAN787 or in a separate area. It must be self-contained and is assessed separately.

**Courses:** MA65, MA75, MA85, SC60

**Credit points:** 12 **Incompatible with:** MAB717

**Campus:** GP

**Sem:** 1, 2, 3

#### ► MAN761 ANALYSIS

This unit includes the following: convergence in  $\mathbb{R}$ ; uniform convergence; Lebesgue integral; convergence theorems;  $L_p$ -spaces; metric spaces; completeness and compactness; contraction mappings; normed and Banach spaces; dual spaces; linear operators; Hilbert spaces; Hilbert-adjoint operator; linear operator equations; spectrum of a linear operator.

**Courses:** MA65, MA75, MA85, SC60, SC71, SC80, IF49

**Prerequisites:** MAB311

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB761

**Campus:** GP

**Sem:** 2

#### ► MAN762 FIELD THEORY

This unit includes the following: electrostatics; steady current theory; magnetism; Maxwell's equations; Hertz vectors; energy of the electromagnetic field; plane waves; spherical waves; treatment of special problems.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB413, MAB521, MAB613

recommended

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB762

**Campus:** GP

**Sem:** 1

#### ► MAN764 APPLIED MATHEMATICAL MODELLING

This unit enables students to develop and practice mathematical modelling skills by considering topical problems from current research activities and beyond the discipline of mathematics. Some of the problems considered include the dispersion of a pollutant in a river, waves of pursuit and evasion, Turing mechanisms and the generation of spatial patterns in biological or biochemical systems. A notable emphasis of this unit is the collaborative development of mathematical models for novel problems.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB613, MAB672

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB764

**Campus:** GP

**Sem:** 2

#### ► MAN765 BAYESIAN DATA ANALYSIS

Basics of Bayesian statistical inference; frequentist and Bayesian inference for basic statistical models; multiparameter models and hierarchical Bayesian models; resampling and simulation; Markov chain Monte Carlo and related simulation methods; directed acyclic graphical models as probability models; use of BUGS software; model and simulation diagnostics; generalised linear models and mixed models; missing data models; spatial data models.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB524, MAN624 or MAB624

recommended

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB765

**Campus:** GP

**Sem:** 1

#### ► MAN766 APPLIED TIME SERIES ANALYSIS

This unit includes the following: spectral analysis of ARMA models; frequency estimation; fast algorithm for spectral analysis and frequency estimation; applications to speech and audio samples; non-linear spectral methods; non-linear time series models; chaos; tests for non-linearity; forecasting methods for non-linear models; non-parametric models; applications to business and financial time series.

**Courses:** MA65, MA75, MA85, SC60, SC71, SC80, IF49

**Prerequisites:** MAN526 or MAB526, MAB524

recommended

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB766

**Campus:** GP

**Sem:** 2

#### ► MAN768 ADVANCED TECHNIQUES IN OPERATIONS RESEARCH

This unit includes the following: nature of operations research; inventory systems modelling, including lot-size problems, recent developments in inventory theory, material requirement planning, just-in-time production; production planning and scheduling, including static and dynamic methods, aggregate planning, LP/LDR/SDR techniques, heuristics; operations scheduling, including sequencing and balancing techniques, job shop scheduling, assembly line balancing; networks, including project management, network scheduling, resources allocation, NP-completeness.

**Courses:** MA65, MA75, MA85, SC60, SC71, SC80, IF49

**Prerequisites:** MAB625

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB768

**Campus:** GP

**Sem:** 1

#### ► MAN769 MATHEMATICS OF FINANCE

This unit includes the following: the stock market; basic option theory; the Black-Scholes analysis. Brownian motion, Ito's lemma and stochastic calculus; the Black-Scholes market model and option valuation formula; bond valuation and interest rate models; mathematical aspects of the capital asset pricing model.

**Courses:** MA65, MA75, MA85, SC60, SC71, SC80, IF49

**Prerequisites:** MAB413, MAB623 recommended

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB769

**Campus:** GP

**Sem:** 2

#### ► MAN771 COMPUTATIONAL MATHEMATICS 4

This unit includes the following: a discussion of the conservation equations that describe fluid motion; explicit and implicit finite difference solution methods for the one-dimensional generalised diffusion equation; introduction to the finite volume method with application to the one-dimensional diffusion equation; treating advection/convection, monotonicity arguments, stability, TVD schemes, upstream averaging, and a brief discussion of flux limiting; extensions of the finite volume method to higher dimensions on both structured and unstructured grids.

**Courses:** MA65, MA75, MA85, SC60, SC71, SC80, IF49

**Prerequisites:** MAB522, MAB613

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB771

**Campus:** GP

**Sem:** 2

#### ► MAN774 PERTURBATION METHODS

This unit includes the following: regular and singular perturbation expansions; asymptotic expansions; boundary layer analysis and matched asymptotic expansions; selected examples from industrial applications and mathematics applied in medicine and biology.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB413, MAB521

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB762

**Campus:** GP**Sem:** 1**► MAN775 STATISTICAL MODELLING OF FINANCIAL PROCESSES**

This unit includes the following: Wiener process; martingales; Markov processes; stochastic integrals and stochastic calculus; equivalent martingale measure; stochastic differential equations (SDE); the martingale-SDE approach to option pricing; replicating portfolio; statistical estimation of stochastic volatility via ARCH/GARCH-type models; quasi-likelihood estimation of long-range dependence and non-Gaussianity in financial processes.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB524, MAN526 or MAB526

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB765

**Campus:** GP**Sem:** 1**► MAN778 APPLICATIONS OF DISCRETE MATHEMATICS**

This unit includes graph theory: introduction; graph isomorphisms, Euler trails and circuits; planar graphs; Hamiltonian paths and cycles; graph colouring with applications to electrical networks, coding theory, operations research, computer programming and chemistry. It also includes abstract Algebra where advanced concepts of groups, rings and fields are introduced. Applications include the solvability by radicals of polynomial equations and ruler and compass constructions eg squaring the circle, elliptic curve cryptosystems.

**Courses:** IF49, MA65, MA75, MA85, SC60, SC71, SC80

**Prerequisites:** MAB621

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP**Sem:** 1**► MAN787-1 PROJECT**

This project is research-based and involves writing a thesis and giving an oral presentation. Approval required from the Head of School (36 credit points achieved at completion of MAN787-1, MAN787-2 and MAN787-3.)

**Courses:** MA75, MA85, SC60

**Credit points:** 12

**Incompatible with:** MAB787

**Campus:** GP**Sem:** 1, 2, 3**► MAN787-2 PROJECT**

See MAN187-1 for details.

**Courses:** MA75, MA85, SC60

**Credit points:** 12

**Incompatible with:** MAB787

**Campus:** GP**Sem:** 1, 2, 3**► MAN787-3 PROJECT**

See MAN187-1 for details.

**Courses:** MA75, MA85, SC60

**Credit points:** 12

**Incompatible with:** MAB787

**Campus:** GP**Sem:** 1, 2, 3**► MDB001 INTEGRATED FOUNDATIONS STUDIES 2: SCIENTIFIC AND QUANTITATIVE LITERACY**

It is recognised that Mathematics and Science play crucial roles in the functioning of modern society through their contribution to our understanding of our physical, social and personal worlds, and their usefulness in solving problems a wide range of problems. As students engage with the content of the unit (for example, number, time, astronomy, navigation, measurement, geometry, probability) they will recognise that each is a discipline with a language and methods of thinking that have evolved in historical and social contexts. Knowledge of both areas is important for people to be critically reflective thinkers and active participants in society, and for their life long learning.

**Courses:** ED91, ED43, ED47, ED51, ED52, IF82, IX12

**Credit points:** 12

**Incompatible with:** MDB386, MDB387

**Campus:** KG, CB**Sem:** 1**► MDB002 PRIMARY CURRICULUM AND PEDAGOGIES: MATHEMATICS 1**

Mathematics is an essential key learning area of the primary school curriculum. Mathematics is closely linked to numeracy, but it extends beyond

the day-to-day demands of society. Mathematics underpins and assists in the growth of technology, economics and finance, communication, and the new science of biotechnology. All students complete two units of Mathematics Education. Mathematics Education I focuses on the teaching of numbers, operations, and measurement. The content will consider the role of technology in these three strands.

**Courses:** ED91, ED47, ED51, IX12, IX14

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** MDB373

**Campus:** KG, CB**Sem:** 1, 2**► MDB003 PRIMARY CURRICULUM & PEDAGOGIES: MATHEMATICS 2**

This unit investigates new ideas in the teaching and learning of the above topic areas. Students study the development of conceptual understanding in the areas of space and shape, chance and data, and pre-algebra with a particular emphasis on understanding the 'big' mathematical ideas, and principles behind these topics.

**Courses:** ED91, ED47

**Credit points:** 12 **Incompatible with:** MDB374

**Campus:** KG**Sem:** 2**► MDB004 PRIMARY CURRICULUM & PEDAGOGIES: INFORMATION AND COMMUNICATION TECHNOLOGIES**

Information and Communication Technologies (ICT) play a significant role in contemporary society and therefore technological literacy is increasingly being seen as an essential part of education. This form of literacy involves the ability to create, use, manage, and understand ICT in a range of contexts. In addition, new networked technologies have brought about the potential for expanding learning opportunities. These necessitate the re-examination of effective learning and teaching principles, the role of the learner, the role of the teacher, creating worthwhile partnerships, and the use of ICT within the learning situation.

**Courses:** ED91, ED56, ED82, ED47, IF84

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** MDB383

**Campus:** External, KG, CB**Sem:** 1, 2**► MDB005 PRIMARY CURRICULUM & PEDAGOGIES: DESIGN AND TECHNOLOGY EDUCATION**

This unit is designed for students to explore content, pedagogical content knowledge and pedagogies important in design and technology education.

**Courses:** ED91

**Credit points:** 12

**Campus:** KG**Sem:** 2**► MDB006 PRIMARY CURRICULUM & PEDAGOGIES: SCIENCE**

Becoming scientific and technologically literate contributes to learners' capabilities as life-long learners by providing them with the knowledge and dispositions to question systematically their natural environment. In the prerequisite unit about Mathematics and Science Foundations, grounding in some basic concept areas that help to explain children's everyday experiences of the natural world and an understanding of the nature of science was explored. In this unit, the opportunity is presented for students to develop exciting and innovative science programs at all levels of the primary school with a focus on developing scientific skills and abilities to retrieve and explore new scientific knowledge.

**Courses:** ED91, ED47

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** MDB384

**Campus:** KG, CB**Sem:** 1**► MDB009 BIOLOGY CURRICULUM STUDIES 1**

As a preservice teacher, students need to be introduced to the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom. Effective practitioners require a knowledge and understanding of factors that impact on the learning environment and how these can be managed. These understandings and skills are gained over time and through experience and practice. In this first curriculum unit, students engage with some of the theory that

influences approaches to teaching in the sciences and with the syllabi and other documents that impact significantly on planning for learning and teaching. Students are provided with opportunities to explore ways of applying the theory.

**Courses:** ED90, ED95, ED55, IX02, IX04

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT**Sem:** 1**► MDB010 BIOLOGY CURRICULUM STUDIES 2**

This unit provides an opportunity to develop as a learner-centred teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment.

**Courses:** ED90, ED95, IX02, IX04, ED55

**Prerequisites:** MDB009

**Credit points:** 12

**Campus:** KG, EXT**Sem:** 1, 2**► MDB011 BIOLOGY CURRICULUM STUDIES 3**

This unit provides opportunity for the student to understand the theoretical underpinnings of an extensive range of strategies and resources and to competently plan to use these strategies to enhance learning opportunities for future pupils.

**Courses:** ED90, ED95, IX02, IX04, ED55

**Prerequisites:** MDB010

**Credit points:** 12

**Campus:** KG**Sem:** 2**► MDB012 CHEMISTRY CURRICULUM STUDIES 1**

Effective practitioners require a knowledge and understanding of factors that impact on the learning environment and how these can be managed. They need both theoretical and practical experience of teaching strategies and how they can be used to enhance learning for the diversity of learners found in any classroom. In this first curriculum unit, students engage with some of the theory that influences approaches to teaching in the sciences and with the syllabi and other documents that impact significantly on planning for learning and teaching. Students are provided with opportunities to explore ways of putting the theory into practice.

**Courses:** ED90, ED95, ED55, IX02

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT**Sem:** 1**► MDB013 CHEMISTRY CURRICULUM STUDIES 2**

This unit is to encourage the student to develop as a learner-centred teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment. The student should also develop a critically reflective orientation to teaching experiences.

**Courses:** ED90, ED95, IX02, ED55

**Prerequisites:** MDB012

**Credit points:** 12

**Campus:** KG, EXT**Sem:** 1, 2**► MDB014 CHEMISTRY CURRICULUM STUDIES 3**

This unit allows the student to understand the theoretical underpinnings of an extensive range of strategies and resources and to competently plan to use these strategies to enhance learning opportunities for future pupils.

**Courses:** ED90, ED95, IX02, ED55

**Prerequisites:** MDB013

**Credit points:** 12

**Campus:** KG, EXT**Sem:** 2**► MDB015 COMPUTING CURRICULUM STUDIES 1**

Computing is now an integral part of secondary education and information and communications technologies (ICTs) are used in all subject disciplines. This unit (the first of three computing curriculum studies units) is designed to introduce students to how ICT can be used to create meaningful learning experiences for students in teaching with, about and through computers.

**Courses:** ED90, ED55, IX09

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT**Sem:** 1



**► MDB016 COMPUTING CURRICULUM STUDIES 2**

Computing is now an integral part of secondary education and information and communications technologies are used in all subject disciplines. This unit builds on the understandings and skills development of the prerequisite and introduces the student to the discrete syllabi which constitute the senior secondary computing curriculum in Queensland secondary schools.

**Courses:** ED90, IX09, ED55

**Prerequisites:** MDB015 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 2

**► MDB017 COMPUTING CURRICULUM STUDIES 3**

This unit builds on the previous 2 units and prepares the student to teach the subjects within the senior secondary computing curriculum in Queensland secondary schools.

**Courses:** ED90, IX09, ED55

**Prerequisites:** MDB016

**Credit points:** 12 **Campus:** KG, EXT

**► MDB018 EARTH SCIENCE CURRICULUM STUDIES 1**

As preservice teachers, students need to be introduced to the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom. They need both theoretical and practical experience of teaching strategies and how they can be used to enhance learning for the diversity of learners found in any classroom. In this first curriculum unit, students engage with some of the theory that influences approaches to teaching in the sciences and with the syllabi and other documents that impact significantly on planning for learning and teaching. Students are provided with opportunities to explore ways of putting the theory into practice.

**Courses:** ED90, ED95, ED55, IX02

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1

**► MDB019 EARTH SCIENCE CURRICULUM STUDIES 2**

This unit encourages the student to develop as a learner-centred teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment. Students develop a critically reflective orientation to their teaching experiences.

**Courses:** ED90, ED95, IX02, ED55

**Prerequisites:** MDB018 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2

**► MDB020 EARTH SCIENCE CURRICULUM STUDIES 3**

This unit allows the student to understand the theoretical underpinnings of an extensive range of strategies and resources and to competently plan to use these strategies to enhance learning opportunities for future pupils.

**Courses:** ED90, ED95, IX02, ED55

**Prerequisites:** MDB019 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 2

**► MDB021 MATHEMATICS CURRICULUM STUDIES 1**

Teachers of middle and secondary school mathematics need a range of understandings and skills to be effective practitioners in the complex social and technological environment of the classroom. This unit introduces students to the teaching and learning of mathematics at the secondary school level. It begins development of students' knowledge and understanding of the secondary mathematics curriculum and their curriculum development skills. The unit is an important component of preparation for Field Studies 1.

**Courses:** ED90, ED95, ED55, ED92, ED82, IX02, IX04, IX09

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1

**► MDB022 MATHEMATICS CURRICULUM STUDIES 2**

This unit develops the students' understanding of the school mathematics curriculum and extends their knowledge and understanding of inclusive learner-focused approaches to mathematics curriculum development.

**Courses:** ED90, ED95, IX02, IX04, IX09, ED55

**Prerequisites:** MDB021 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2

**► MDB023 MATHEMATICS CURRICULUM STUDIES 3**

This unit extends the students' knowledge and understanding of the mathematics curriculum with an emphasis on catering for the range of students engaged in secondary education, inclusive practices, and diagnosis of mathematical learning difficulties.

**Courses:** ED90, ED95, IX02, IX04, IX09, ED55

**Prerequisites:** MDB022 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 2

**► MDB024 PHYSICS CURRICULUM STUDIES 1**

Effective practitioners require a knowledge and understanding of factors that impact on the learning environment and how these can be managed. They need theoretical understanding of factors that impact on learning in science. They need both theoretical and practical experience of teaching strategies and how they can be used to enhance learning for the diversity of learners found in any classroom. In this first curriculum unit, students engage with some of the theory that influences approaches to teaching in the sciences and with the syllabi and other documents that impact significantly on planning for learning and teaching. Students are provided with opportunities to explore ways of applying the theory.

**Courses:** ED90, ED95, ED55, IX02

**Prerequisites:** 24 credit points in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1

**► MDB025 PHYSICS CURRICULUM STUDIES 2**

This unit provides an opportunity for students to develop as a learner-centred teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment. Students develop critically reflective orientation to their teaching experiences.

**Courses:** ED90, ED95, IX02, ED55

**Prerequisites:** MDB024 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2

**► MDB026 PHYSICS CURRICULUM STUDIES 3**

This unit encourages students to understand the theoretical underpinnings of an extensive range of strategies and resources and to competently plan to use these strategies to enhance learning opportunities for future pupils.

**Courses:** ED90, ED95, IX02, ED55

**Prerequisites:** MDB025 **Credit points:** 12

**Campus:** KG **Sem:** 2

**► MDB027 SCIENCE CURRICULUM STUDIES 1**

Students are introduced to the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom in this unit. A theoretical understanding of factors that impact on learning in science and practical experience of how these influence planning for learning are addressed together with teaching strategies and how they can be used to enhance learning for the diversity of learners found in any classroom. In this first curriculum unit, students engage with some of the theory that influences approaches to teaching in the sciences and with the syllabi and other documents that impact significantly on planning for learning and teaching.

**Courses:** ED90, ED95, IX02, IX09, ED55

**Prerequisites:** 24cp in appropriate discipline studies

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1

**► MDB028 SCIENCE CURRICULUM STUDIES 2**

This unit encourages the student to develop as a learner-centred teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment. Students should develop a critically reflective orientation to their teaching experiences.

**Courses:** ED90, ED95, IX02, IX09, ED55

**Prerequisites:** MDB027 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1, 2

**► MDB029 SCIENCE CURRICULUM STUDIES 3**

This unit allows the student to understand the theoretical underpinnings of an extensive range of strategies and resources and to competently plan to use these strategies to enhance learning opportunities for future pupils.

**Courses:** ED90, ED95, IX02, IX09, ED55

**Prerequisites:** MDB028 **Credit points:** 12

**Campus:** KG **Sem:** 2

**► MDB030 UNDERSTANDING AND EDUCATION GIFTED LEARNERS**

This elective addresses the education of gifted students by exploring the appropriate curriculum interventions necessary to meet their specific needs. Some 10-15% of students are identified as gifted and these require specialist educational interventions to ensure that the curriculum offers the appropriate challenge to develop their potential and to avoid boredom, frustration or underachievement. In order to establish appropriate curriculum and pedagogical approaches, an understanding of the nature of giftedness is also necessary.

**Courses:** ED90, ED91, ED92, ED82, IX01-09

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

**► MDB120 MATHEMATICS CURRICULUM AND PEDAGOGIES**

This unit provides content knowledge and pedagogical strategies to promote the mathematical development (both cognitive and social) of their students.

**Courses:** ED96, IX12, IX14 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 1

**► MDB121 SCIENCE AND TECHNOLOGY CURRICULUM PEDAGOGIES**

This unit continues to develop knowledge of relevant curricula, theoretical bases of teaching and learning in science and technology, pedagogical skills and resources, and pedagogical content knowledge, necessary to confidently and effectively plan, teach, assess and evaluate primary science and technology programs.

**Courses:** ED96, IX12, IX14 **Credit points:** 12

**Campus:** KG, EXT **Sem:** 2

**► MDB300 TEACHING IN THE INFORMATION AGE**

This unit addresses the following: the impact of information technology on education; the concept of an information society; the way in which what is defined as knowledge is contested and changed by information technology; strategies for learning and teaching using information technology. Practical skills using computer hardware and software communication technology and multimedia are developed with a view to appropriate implementation within the curriculum.

**Courses:** ED43, ED50, ED52, ED54, ED55, IF70-79

**Prerequisites:** 48 credit points of Education Studies including CLB341

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MDB383, MDB385

**Campus:** KG **Sem:** 2, 3

**► MDB320 DATABASE THEORY AND TECHNIQUES**

This unit addresses the following: the logical and physical models of information systems; characteristics and use of structured query language to query existing curriculum databases and construct new ones; the sociological implications of the utilisation of public and private databases.

**Courses:** ED90, ED50

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG **Sem:** 1

### ► MDB321 INFORMATION SYSTEM MODELLING IN EDUCATIONAL CONTEXTS

This unit examines the modelling of information systems, relational systems, fact oriented approaches, conceptual schema design.

**Courses:** ED90, ED50 **Prerequisites:** MDB320  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► MDB322 COMPUTER SYSTEMS FOR TEACHERS

This unit includes the following: examination of single and multi-user operating systems; interaction with computer systems and management of stored information; definition and implementation of algorithms in suitable language; selection of computable representation for real world concepts and application in computer programs; hierarchy of levels of abstraction; adoption of abstracted views of real world information processing or problem-solving situations; capabilities and limitations of conventional, sequential processing, machine architectures.

**Courses:** ED90, ED50  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► MDB323 PROGRAMMING LANGUAGES FOR TEACHERS

This unit examines further software developments, techniques of program development, top-down design and modularity, and computer programming using appropriate languages.

**Courses:** ED90, ED50 **Prerequisites:** MDB345  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► MDB326 BIOLOGY CURRICULUM STUDIES 2

This unit considers the following: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF71, IF73  
**Prerequisites:** MDB325  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► MDB328 CHEMISTRY CURRICULUM STUDIES 2

This unit considers the following: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF71  
**Prerequisites:** MDB327  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► MDB330 COMPUTING CURRICULUM STUDIES 2

This unit considers the following: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF79  
**Prerequisites:** MDB329  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► MDB332 EARTH SCIENCE CURRICULUM STUDIES 2

This unit considers the following: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF71  
**Prerequisites:** MDB331  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► MDB334 MATHEMATICS CURRICULUM STUDIES 2: SENIOR MATHEMATICS

This unit considers the following: curriculum development within the context of contemporary

policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED26, ED50, ED54, ED55, IF71, IF73, IF79

**Prerequisites:** MDB333  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► MDB336 PHYSICS CURRICULUM STUDIES 2

This unit considers the following: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF71  
**Prerequisites:** MDB335  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► MDB338 SCIENCE CURRICULUM STUDIES 2

This unit considers the following: curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; issues and directions in curriculum development.

**Courses:** ED50, ED54, ED55, IF71, IF79  
**Prerequisites:** MDB337  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► MDB345 SOFTWARE DEVELOPMENT FOR EDUCATIONAL CONTEXTS

Algorithmic thinking and its implementation form a major component within the Information Processing and Technology syllabus now implemented in secondary schools. Prospective teachers of courses such as these require a sound foundation in the design and development of software along with the use of modern abstract procedural, data and object handling representations. Software design and development are closely bound to particular problems contexts.

This unit is based on the design of educational software because this area is relevant to the students concerned and because there is a clear demand for such software. Students in this unit employ a range of powerful programming techniques and structures in the development of educational computer software.

**Courses:** ED50 **Prerequisites:** MDB322  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► MDB349 NUMERACY AND MATHEMATICAL REASONING FOR THE 21ST CENTURY

This unit includes the following: the concept of thinking and intelligence; the nature of mathematical thinking during the first half of this century; modern ideas on the nature of mathematical thinking; the thinking skills movement and programs designed to foster thinking; analysis of children's thinking in solving mathematical problems; analysis of students' 'everyday cognition' together with their thinking in mathematical situations.

**Courses:** ED90, ED91, ED92, ED82, ED51, ED52, ED54  
**Prerequisites:** MDB386  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► MDB374 MATHEMATICS CURRICULUM 2

This unit addresses the following topics: spatial reasoning (concepts, models, constructions, reasoning processes); chance and data (concepts, procedures, reasoning processes); pre-algebra (arithmetical structure, expressions and equations); mathematical thinking (critical, reflective, creative, flexible, and logical reasoning, together with problem representation, construction, modelling, solving); working effectively with technological tools (concepts, communication processes, project development).

**Courses:** ED51  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MDB003

**Campus:** KG

**Sem:** 2

### ► MDB377 PROJECT PLANNING AND IMPLEMENTATION FOR EDUCATIONAL PURPOSES

The study of computing and its application in educational and other environments is very much associated with planned and sequenced implementation of tasks. A study and understanding of how tasks might be represented, sequenced and implemented is essential if technology is to be used effectively in education. The use of project work as a pedagogical technique is a popular strategy to promote independent learning and student autonomy. This unit provides students with a framework to evaluate this methodology.

**Courses:** ED50, ED51, ED90, ED91, ED82  
**Prerequisites:** MDB375 or MDB392  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► MDB381 SCIENCE AND TECHNOLOGY IN THE COMMUNITY AND WORKPLACE

This unit addresses the following: development of an awareness of how science and technology pervade most aspects of our daily lives in communities and workplaces; the implications of a rapidly changing scientific and technological base of industry; increasing involvement of the public in national and international decision-making; the need for a scientifically literate society. Practical exercises and projects are also undertaken.

**Courses:** ED50, ED54, ED55, IF70-79  
**Credit points:** 12  
**Campus:** EXT **Sem:** 2

### ► MDB384 SCIENCE EDUCATION

Science curriculum development and implementation examines the growth of children's understandings of key concepts in science. The development of their scientific thinking and manipulative skills is also investigated in conjunction with this. Extended sequences of learning experiences, or programs, are planned and implemented.

**Courses:** ED26, ED51, ED56, IF82, IF84, ED47  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MDB006  
**Campus:** KG, EXT **Sem:** 1, 2, 3

### ► MDB388 NUMERACY IN GAMES OF SKILL AND CHANCE

This unit considers the development of probabilistic ideas and concepts through the playing and analysis of games of chance and skill.

**Courses:** ED43, ED47, ED90, ED91, ED92, ED82, ED52, ED51, ED47, ED91, ED82  
**Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► MDB389 LIFE AND LIVING PROCESSES

This unit provides preservice teachers with opportunities to demonstrate understandings of contemporary theories and concepts of life and living processes, and through practical experience formulate their own values and attitudes commensurate with modern ecocentric environmental ideology.

**Courses:** ED52, ED51, ED47, ED90, ED91, ED92, ED82  
**Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► MDB390 NATURAL AND PROCESSED MATERIALS

This unit continues the development of students' content knowledge in science by examining a range of scientific concepts that contribute to an understanding of science in a technological context. The focus is on the exploitation of natural and processed materials and a consideration of the environment and social costs and benefits associated with the use of those materials.

**Courses:** ED47, ED90, ED91, ED92, ED82, ED52, ED51  
**Prerequisites:** MDB387  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► MDB391 EARTH AND SPACE

This unit examines scientific concepts in important areas of space, time and motion, the origin and history of earth and its environments, and

light and optics. Scientific principles and techniques for observing space and earth phenomena are investigated.

**Courses:** ED47, ED90, ED91, ED92, ED82, ED52, ED51

**Prerequisites:** MDB390

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► MDB392 EDUCATIONAL COMPUTING ENVIRONMENTS

The aim of this unit is to engender an awareness of the fundamental principles in the use of computer systems used in educational environments. It presents concepts that serve as a basis for further study.

**Courses:** ED43, ED52, ED51, ED47, ED91, ED82, ED90, ED91, ED92

**Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► MDB393 NETWORKED COMMUNITIES

This unit aims to engender an awareness of networked communities used in educational environments. It also presents concepts that serve as a basis for further study.

**Courses:** ED52, ED51, ED47, ED90, ED91, ED92, ED82

**Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► MDB395 MARINE STUDIES CURRICULUM

An understanding of interactions between humans and the marine environment are crucial if we are to maintain a viable ecosystem. We use the marine environment for both pleasure and for survival. As individuals we obtain food, leisure and relaxation from the sea, as a society we exploit its resources, use it for transport and deposit effluent in it. This unit explores in a theoretical and practical way the development of curriculum that helps learners come to understand the issues concerned with marine studies.

**Courses:** ED50, ED55, ED61, IF70-79

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► MDB396 EXCURSIONS IN GEOMETRY

The world is filled with geometry. Without geometry, or at least a sense of space, we could not get around. We would have boring buildings and dull designs. This subject begins with the Greeks and moves to studying geometry that we use today. A historical perspective is used to show that geometry, like all mathematics, is alive and lives today in the world of fractals and graphic design. Participants will find many useful investigations and activities for the classroom.

**Courses:** ED90, ED91, ED92, ED82, ED43, ED51, ED52

**Prerequisites:** MDB386  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► MDB397 DIGITAL MEDIA IN EDUCATION

This unit addresses the following: understanding multimedia and multimedia systems; application of multimedia in education and training; multimedia authoring software; designing and creating multimedia applications for educational environments.

**Courses:** ED51, ED52, ED47, ED91, ED82

**Prerequisites:** MDB383 or MDB004

**Corequisites:** MDB383 or MDB004

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► MDB411 EARLY CHILDHOOD MATHEMATICS TEACHING, LEARNING AND ASSESSMENT

This unit addresses the following: theoretical background and research; logical sequence of mathematics and children's cognitive development; content and learning experiences for early childhood; integration and application.

**Courses:** ED26, ED61

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

#### ► MDB414 LEARNING ENVIRONMENTS USING INFORMATION TECHNOLOGY

Students explore the contribution that advanced information technologies can make to teaching

and learning. Students gain exposure to applications of technology such as multimedia materials and authoring software, the Internet, the World Wide Web, and CD-ROM based materials. They will be required to apply these to a variety of curriculum settings.

**Courses:** ED90, ED91, ED92, ED82, ED26, ED50, ED55, IF70-79

**Prerequisites:** CLB341

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► MDB429 INITIATIVES IN SCIENCE EDUCATION

Students have the opportunity to explore alternative practices in science education, particularly through the development of research-based project work for children, the extended excursion or field trip, and involvement in community-sponsored and/or related science activities and events. Emphasis is placed on providing experiences that fully extend each child, including the exceptional child.

**Courses:** ED26, ED51, ED61, ED47, ED91, ED82

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► MDB440 COMPUTERS AND EDUCATION

This unit provides an overview of microcomputer hardware and software with an emphasis on the usefulness of various components in schools. It considers the use of educationally valuable application software, the variety of uses of computers in education, and the impact of computers on society and education in particular.

**Courses:** ED26, ED53, ED93, ED83

**Credit points:** 12  
**Campus:** EXT **Sem:** 1, 2

#### ► MDB452 MATHEMATICS CURRICULUM STUDIES 2: JUNIOR AND VOCATIONAL MATHEMATICS

It is necessary for teachers to make independent judgements with respect to curriculum decisions taking account of syllabus guidelines and broader system policies, as well as national and international trends in education and society. This unit extends the understandings and strategies developed in Curriculum Studies 1 and makes links to the unit EDB452 Secondary Professional Practice 3: The Inclusive Curriculum. It also encourages students to explore current issues and emerging trends in mathematics curriculum, particularly aspects related to vocational education, and to clarify their commitment and openness to innovation and change in their approach to teaching.

**Courses:** ED50, ED55, IF71

**Prerequisites:** MDB333  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► MDB453 MIDDLE SCHOOL MATHEMATICS EDUCATION

This unit assists students to develop a deeper understanding of mathematical content applicable to the middle school and the ways that the content may be integrated into other key learning areas.

**Courses:** ED26, ED50, ED54, ED55, ED61, ED91, ED82, IF70 - 79

**Prerequisites:** 2 units of tertiary mathematics or equivalent

**Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► MDB454 SCIENCE, TECHNOLOGY AND SOCIETY

This unit investigates the interactions and effects that exist between modern science, technology and society both from a social and historical viewpoint. Advances such as the advent of the Internet, genetic modification and nanotechnology are discussed within a context of globalisation, global communications and social change. The unit also includes a study of the nature of science and technology and the nature of scientific knowledge. A major feature of the unit involves groups of students developing and delivering 'a hypothetical' on a contemporary science and technology issue affecting society.

**Courses:** ED50, ED51, ED47, ED90, ED91, ED92, ED82, IF72

**Credit points:** 12

**Campus:** KG **Sem:** 2

#### ► MDN638 TRENDS IN LEARNING OF THE SCIENCES

This unit enables professionals involved in mathematics, science, design technology, and information communication technology to critically reflect on curricular practices in the light of major trends in the context of education.

**Courses:** ED09, ED61, ED13

**Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

#### ► MDN639 PEDAGOGIES IN LEARNING OF THE SCIENCES

This unit enables professionals involved in mathematics, science and design technology to reflect on their pedagogical practices in the light of major changes in the curriculum affecting their practice.

**Courses:** ED09, ED61, ED13 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► MDN640 MANAGING INNOVATIONS IN TEACHING OF THE SCIENCES

This unit provides educators with knowledge and skills in managing innovations for the teaching of mathematics, science and technology education.

**Courses:** ED09, ED61, ED13 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► MDN641 UNDERSTANDING MATHEMATICS AND SCIENCE IN EDUCATIONAL CONTEXTS

This unit provides opportunities to educators to analyse critically the mathematical and/or scientific content that their prospective clients or students have to engage with in a variety of contexts and learning environments.

**Courses:** ED09, ED61, ED13 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

#### ► MDN642 DIGITAL PEDAGOGIES

This unit includes a critical investigation of digital pedagogies and the changes they are making to the role of the teacher, and the interactions between students, teachers and subject content. The unit assists students in designing and moderating worthwhile learning experiences in online environments or physical environments that make use of digital technologies.

**Courses:** ED09, ED61, ED13 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► MDN643 ADVANCED LEARNING NETWORKS

This unit includes a comprehensive examination of relevant theory, research, policy, and/or practice in the mediation of learning and communication through technology. Students are encouraged to critique the rhetoric and reality of ICT integration in learning networks.

**Courses:** ED09, ED61, ED13 **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► MDP529 ASSESSMENT AND INTERVENTION IN MATHEMATICS

This unit enables students to learn where, when and how mathematical concepts occur within the mathematics curriculum at a level of the student's interest and across the broader curriculum. The student develops ideas, skills and strategies to assess mathematics concepts and to develop suitable classroom learning activities.

**Courses:** ED26, ED28, ED50, ED55, ED61, ED90, ED91, ED92, ED82, IF70 - 79

**Credit points:** 12  
**Campus:** EXT **Sem:** 2, 3

#### ► MEN101 RESEARCH METHODOLOGY

Basic research methodology is an essential component for any student expecting to undertake research. This unit provides the basic knowledge of research, qualitative and quantitative research methodologies, and a range of techniques to enable students to become critical users of existing knowledge and research findings.

**Courses:** CE75, EE77, ME80

**Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► MEN102 ADVANCED MECHANICAL ENGINEERING STUDIES

Students undertaking Masters' level study of engineering require advanced research skills

relating to the evaluation, organisation and presentation of information, data analysis, experimental design and instrumentation. This unit provides some of the advanced skills fundamental to mechanical engineering research that are required to undertake the Research Project and Specialised Studies units in the ME80 course.

**Courses:** ME80 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► MEN103 MECHANICAL ENGINEERING SPECIALISED UNIT 1

Professional engineers in the workplace are often required to undertake independent enquiry in very specific areas of mechanical engineering science. To do this, they require the skills to retrieve information, and experience in self-directed learning, independent analysis and investigation. This unit allows students to pursue in greater depth a particular area of mechanical, medical or infomechatronics engineering through self-directed learning. This develops students' independent learning capabilities and expands their knowledge of a chosen area of study.

**Courses:** ME80 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► MEN104 MECHANICAL ENGINEERING SPECIALISED UNIT 2

Professional engineers in the workplace are often required to undertake independent enquiry in very specific areas of mechanical engineering science. To do this, they require the skills to retrieve information and experience in self-directed learning, independent analysis and investigation. This unit allows students to pursue in greater depth a particular area of mechanical, medical or infomechatronics engineering through self-directed learning. This develops their independent learning capabilities and expands their knowledge of a chosen area of study.

**Courses:** ME80 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► MEN105 MECHANICAL ENGINEERING SPECIALISED UNIT 3

Professional engineers in the workplace are often required to undertake independent enquiry in very specific areas of mechanical engineering science. To do this they require the skills to retrieve information and experience in self-directed learning, independent analysis and investigation. This unit allows students to pursue in greater depth a particular area of mechanical, medical or infomechatronics engineering through self-directed learning. This develops their independent learning capabilities and expands their knowledge of a chosen area of study.

**Courses:** ME80 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► MEN170 SYSTEMS MODELLING AND SIMULATION

This unit introduces the following: the concept of a model and model building; techniques for the solution of the models; examples of analytical models such as inventory models, Markov chains, queuing models; simulation as a decision making tool; modelling for simulation and practical exercises in simulation using computer simulation software in the areas of manufacturing systems and maintenance.

**Courses:** ME75, ME76, CE75, EE77, ME80  
**Contact hours:** 32 over a two week block  
**Credit points:** 12 **Campus:** GP

#### ► MEN171 ADVANCED MANUFACTURING TECHNOLOGIES

This unit provides the following: an overview of manufacturing systems; engineering and applications of advanced computer aided drafting and design; implementation of CAD/CAM systems using three-dimensional modelling techniques; classification systems for part family formation for production and tooling; benefits of computer aided process planning; introduction and installation of flexible manufacturing cells and systems including robotics, automated guiding vehicles, online computer aided inspection, automation integration, support technologies and planning for CIM.

**Courses:** ME75, ME76, ME80  
**Contact hours:** 32 hours over a two week block  
**Credit points:** 12 **Campus:** GP

#### ► MEN172 COST ANALYSIS AND ASSET MANAGEMENT

This unit provides students with the following skills: analyse cost and understand different costing methods and their implications; evaluate engineering decisions under different cost allocation methods; appreciate the role of variance analysis as a management tool; estimate cash flows; make lease versus buy decisions; budget life-cycle costing and economic asset management and life cycle costing.

**Courses:** ME75, ME76, CE75, EE77, ME80  
**Contact hours:** 32 over a 2 week block  
**Credit points:** 12 **Campus:** GP

#### ► MEN175 ENERGY AND ENVIRONMENTAL MANAGEMENT

This unit considers energy resources and usage in the context of global energy issues. Greenhouse, climate change and ozone layer depletion are covered because they are affecting Engineering Practice. Specific topics include the following: properties and testing methods of solid, liquid and gaseous fuels; combustion calculations; flue gas analysis; energy tariffs and audits; major applications of energy management, for example buildings, process plant, compressed air systems, vehicle fleets; economic evaluation of energy projects; introduction and management of energy saving programs. Environmental aspects are considered for each topic. Assessment includes and energy audit of a commercial/industrial site.

**Courses:** ME75, ME76, ME80  
**Contact hours:** 32 over a two week block  
**Credit points:** 12 **Campus:** GP

#### ► MEN177 TOTAL QUALITY MANAGEMENT

The aim of this unit is to provide students with an understanding of the underlying philosophy and practice of TQM including learning some basic tools for quality control. Topics covered include the following: quality as a competitive strategy; the evolution of quality management; elements of quality management; continual improvements; customer measurements; managing change; total employee participation; bench marking, statistical process control, theory of constraints, Taguchi methods.

**Courses:** ME75, ME76, ME80  
**Contact hours:** 32 over a two week block  
**Credit points:** 12 **Campus:** GP

#### ► MEN190 PROJECT 1/2

In this unit a substantial piece of work relevant to the course and carried out by each student on an individual basis is presented. The report is examined and marked by an academic supervisor in consultation with an industrial supervisor.

**Courses:** ME75, ME76, ME80  
**Credit points:** 24 **Campus:** GP **Sem:** 1, 2

#### ► MEN241 RELIABILITY AND MAINTENANCE MANAGEMENT

This unit addresses the following: overview of maintenance responsibilities and tasks; organisation for maintenance; creating a maintenance plan with reliability; availability; maintainability; repair pools; spare parts inventory management; cost downtime; downtime reduction; planning shutdowns/turnarounds; performance measures; documentation and document control; configuration management; computer based maintenance management systems; total productive maintenance (TPM); condition monitoring; strategic asset management.

**Courses:** ME75, ME76  
**Contact hours:** 32 over a two week block  
**Credit points:** 12 **Campus:** GP

#### ► MEN272 ENTERPRISE RESOURCE PLANNING

The aim of this unit is to provide students with an understanding of the underlying philosophy and practice of resources planning. Topics covered include the following: functions and inter-relationships between the major components; demand analysis; production and operations planning and control; resource planning and control; manufacturing requirements planning (MRPII); supply chain management; total enterprise approach to business management. These principles are extended to processing and service

industries such as mining, oil, chemical and food processing and to enterprises such as hospitals and airports.

**Courses:** ME76, ME75, ME80  
**Contact hours:** 32 over a two week block  
**Credit points:** 12 **Campus:** GP

#### ► MEN273 ENGINEERING KNOWLEDGE MANAGEMENT

This unit provides students with the skills in knowledge identification, knowledge development, knowledge preservation, knowledge representation and knowledge distribution in the corporate sector and the techniques associated with the design and development of knowledge management systems for engineering organisations. The unit also provides students with an understanding of the design, development and organisation of knowledge with an emphasis on the building blocks of knowledge management.

**Courses:** ME75, ME76, ME80  
**Contact hours:** 32 hours over a two week block  
**Credit points:** 12 **Campus:** GP

#### ► MEN280 ENGINEERING PROJECT MANAGEMENT

The aim of this unit is to provide students with an understanding of the underlying philosophy and practice of project management. Topics covered include the following: definition of project management; organisational structures; project planning; feasibility analysis; project organisation; contracts; project control; risk analysis; project termination.

**Courses:** BS93, ME75, ME76, CE75, EE77, ME80  
**Contact hours:** 32 over a two week block  
**Credit points:** 12 **Campus:** GP

#### ► MGB007 ENGINEERING MANAGEMENT

This unit introduces engineering students to the fundamentals of management so they can perform a basic managerial role, with the capacity to identify key issues and to develop themselves further. It covers the managerial functions of planning, organising and controlling and, in addition, gives emphasis to the involvement of people and their skills in a modern flexible organisation. It also considers briefly marketing and planning for new ventures as well as the management of change and conflict. It takes an integrated approach to quality in management and introduces issues of service management, projects, technology and innovation.

**Courses:** ME41, ME42  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► MGB201 THE LEGAL CONTEXT OF EMPLOYMENT RELATIONS

The unit provides an overview of the complex legal, social and political arrangements underpinning organisational life in Australia. The employment relationship and its legal context are central to organisational operations. The unit addresses the identification and analysis of the rights and responsibilities of people at the workplace, and the institutions governing the conduct of the different parties involved in the employment relationship. Current issues are examined from the perspective of the interactions between individual workers, unions, employers, employer groups, tribunals, government and international bodies enabling students to understand the broader context of the parties' legal obligations.

**Courses:** BS56 **Prerequisites:** MGB222  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB103 **Campus:** CA, GP **Sem:** 1

#### ► MGB202 EQUITY AND DIVERSITY MANAGEMENT

The historical, legal and social perspectives on current issues surrounding equity and equality in diversity management particularly equal employment opportunity (including affirmative action and anti-discrimination initiatives) are investigated. In identifying strategic management approaches to diversity including implementing the EEO and AA processes identified by legislation, the unit questions and evaluates current management practices and research methods

through investigating, analysing, and critiquing current EEO and AA approaches and plans.

**Courses:** BS56 **Prerequisites:** BSB114  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB133  
**Campus:** GP **Sem:** 2

#### ► MGB203 GOVERNMENT-MANAGEMENT INTERFACE

This unit provides students with an essential understanding of the complex and dynamic relationship between government and management. The unit focuses upon the political context of management, government policies towards business, their processes of development and operational impacts, and the politics of governance and management of the public/private sector interface. The unit also examines the capacity of various business sectors to influence the political system of Australia in an international context.

**Courses:** BS56 **Prerequisites:** BSB114  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** EPB125, EPN101, MGN402  
**Campus:** GP **Sem:** 2

#### ► MGB207 HUMAN RESOURCE ISSUES AND STRATEGY

This unit identifies a range of contemporary human resource management issues facing Australian organisations. These are explored and analysed through examining a range of alternative human resource programs, policies, and strategies. This unit introduces a range of human resource functions and provides a foundation for the development of professional practice in HRM in later units. This unit provides students with the knowledge and skills to address contemporary human resource issues in order to contribute to organisational efficiency and effectiveness.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF60, IF62, PU40  
**Prerequisites:** BSB115  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB131  
**Campus:** CA, GP **Sem:** 1, 2

#### ► MGB209 OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT

This unit provides an overview of issues related to occupational health and safety. The unit acquaints students with the scope of the occupational health and safety problem in Australia as well as the legislative environment. It also introduces them to analytical skills needed to manage these problems. The unit takes a strategic and multi-disciplinary approach to the management of occupational health and safety.

**Courses:** BS56 **Prerequisites:** BSB114  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB128  
**Campus:** GP **Sem:** 1

#### ► MGB210 PRODUCTION AND SERVICE MANAGEMENT

This unit extends general management approaches to the production operations subsystems of service and manufacturing organisations. The unit focuses on the deployment of productive resources in order to maximise the added value of services and products. Issues of quality and efficiency are considered analytically in terms of broader strategies and constraints. It considers the opportunities that new technology brings to operational strategies in both manufacturing and service. Project management principles are considered in relation to resource deployment and continuous improvement.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** MGB220  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB129  
**Campus:** CA, GP **Sem:** 1, 2

#### ► MGB211 ORGANISATIONAL BEHAVIOUR

The unit examines theory and research related to individual and collective human behaviour in organisations. A multi-level approach that focuses on individuals, groups, the organisation as an entity, and the relationship among these elements is adopted. In addition, the unit addresses major themes in the field and provide students with an opportunity to use the body of knowledge

to diagnose, interpret and understand issues within these themes. This unit helps students to understand the role that people as individuals and in groups play in organisations and to apply this knowledge in creating more effective and efficient work places.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** MGB220  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB130, MGN412  
**Campus:** CA, GP **Sem:** 1, 2

#### ► MGB216 MANAGING TECHNOLOGY, INNOVATION AND KNOWLEDGE

This unit explores the links between research, technical processes, product innovation and management structure, policy, and practice. It examines the impact of changing technology, such as information technology, on organisations. This unit examines the internal operation of organisations with particular respect to the management of human, material and financial resources, technological innovations, and social change. Other issues addressed in this unit include the nature of product and process innovation, technology transfer, intellectual property and licensing, government policy, and the role of research and development.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** MGB222  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB140  
**Campus:** GP **Sem:** 1

#### ► MGB218 VENTURE SKILLS

Entrepreneurial management is becoming a critical skill for rapidly growing small and medium sized enterprises (SMEs) and for small business units (SBUs) in large corporations. This unit examines and compares the venture growth processes for entrepreneurial managers. This unit focuses on the post start-up issues for the entrepreneurial venture. It considers the rapid growth issues in the identification, analysis, and learning processes for SMEs.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, LS50  
**Prerequisites:** 96 credit points of approved study  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► MGB220 MANAGEMENT RESEARCH METHODS

This unit is designed to provide students with a conceptual map for conducting research, and introduce them to basic qualitative and quantitative analysis techniques. The lecture and tutorial program proceeds through the general research process: establishing a research question; determining a theoretical framework; collecting the data; conducting data analysis; drawing conclusions; reporting research outcomes. An emphasis is placed on both quantitative and qualitative research methodologies.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** BSB122  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** AMB201, MGB100, COB334, COB203, EFB105, EPB109, EPB110, EPB163  
**Campus:** CA, GP **Sem:** 1, 2

#### ► MGB221 PERFORMANCE AND REWARD

This unit examines the key Human Resource Management functions of job analysis, performance management, and compensation management from a strategic perspective with a view to optimising individual and organisational performance. A substantial level of analytical and professional competence is expected in this unit, which is a key to the integration of HR processes and organisational requirements.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** MGB207  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MGB328, HRB105  
**Campus:** CA, GP **Sem:** 1

#### ► MGB222 MANAGING ORGANISATIONS

This unit develops an understanding of the organisation in both its internal and external environment and the demands of managing the organisation's resources and performance. It raises contemporary issues in management and their implications for competitive advantage, focusing on various organisational sub-systems including HR, technology, structure and design. This unit provides a foundation of knowledge for the management and HRM majors. There is a focus on strategy, leadership and internationalisation.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** BSB115  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA, GP **Sem:** 1, 2

#### ► MGB223 CREATING NEW ENTERPRISES

This unit deals with the development of a business plan for the potential launch of student business ideas. This unit is designed for those individuals interested in creating a new venture or working in industries as employees of venture owners or those that serve this sector. Students build a comprehensive plan of their business concept. Students can progress from this unit to carry out the business plan analysis in the unit MGB218 or advance from MGB218 to undertake this unit.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, IT21  
**Prerequisites:** 96 credit points of approved study  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► MGB224 AUSTRALIAN INDUSTRIAL RELATIONS

This unit traces the evolution of current institutions and practices in Australian industrial relations, situating them within the broader context of social and industrial relationships. Issues are viewed from many perspectives, seeing them as a product of a range of political, social, economic legal and industrial experiences. The unit aims to provide an insight into the complexities of Australian industrial relations.

**Courses:** BS56 **Prerequisites:** BSB115  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MGB204, MGB329, MGB332  
**Campus:** GP **Sem:** 2

#### ► MGB304 HUMAN RESOURCE INFORMATION MANAGEMENT

This unit focuses on Human Resource Information Management. Students are coached to understand the storage, retrieval, and utilisation of data in HR operations. A substantial level of analytical and professional competence is expected in this subject, which is a key to the utilisation of HR information to aid decision-making. In addition, students are introduced to the basic operation of a computerised Human Resource information system (HRIS) to appreciate the role of technology in HR information management.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** MGB221  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► MGB306 INDEPENDENT STUDY

This unit enables students to demonstrate an ability to direct their own learning, a key competence for professionals who must keep themselves up-to-date in their area of expertise. Either individually or in small groups, students undertake one or several learning activities with the approval of a supervisor. Appropriate activities include literature review, research (mini-thesis), project, practicum (work placement), or an alternative deemed acceptable by the supervisor.

**Courses:** BS56  
**Prerequisites:** 96 credit points of approved study  
**Contact hours:** Flexible Mode **Credit points:** 12  
**Incompatible with:** HRB151  
**Campus:** GP **Sem:** 1, 2, 3

#### ► MGB307 INTERNATIONAL HUMAN RESOURCE MANAGEMENT

This unit overviews international business management, and develops a strategic appreciation of

the role of human resources management in an international context. Specific human resource processes are detailed, including the following: expatriate selection; cross-cultural training; management and remuneration; global management and the competencies required to manage a culturally diverse workforce; the relationship between international human resource management and international industrial relations; contemporary research in international human resource management. The Asia-Pacific region is a focus for discussions throughout this unit.

**Courses:** BS56 **Prerequisites:** MGB207  
**Contact hours:** Flexible Mode  
**Credit points:** 12 **Incompatible with:** HRB117  
**Campus:** GP **Sem:** 2

#### ► MGB309 STRATEGIC MANAGEMENT

In this unit fundamental elements of strategy, which can be used in the decision making process, are placed in a framework that is developed within the particular context of Australia's economic development position. The emphasis is upon process and content issues that affect the strategic performance and positioning of the organisation. This involves creating an understanding of the universal building blocks of competitive advantage at the business, corporate and international levels. By understanding the nature and determinants of competitive and strategic advantages, students should enhance their professional competences to be able to take a more strategic and critical perspective.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** MGB222  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB125, MIB314  
**Campus:** CA, GP **Sem:** 1, 2

#### ► MGB312 NEGOTIATION SKILLS

This subject concentrates on the theory and practice of negotiation as applied to the basic concepts of integrative and distributive bargaining domestically and internationally. The process and phases of negotiation are practiced by students, culminating in their ability to negotiate an extensive and complicated collective bargaining agreement.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** MGB211  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB102  
**Campus:** GP **Sem:** 1

#### ► MGB314 ORGANISATIONAL CONSULTING AND CHANGE

Managing change is a fundamental skill required by prospective managers and professionals. This unit provides opportunities for students to develop a theory in practice orientation to consulting to individuals, groups, and organisations. Hence content theory and process theory is addressed. The focus of this unit is on human process issues and change. The unit examines a range of human process interventions designed to improve organisational effectiveness. Attention is also be given to change strategies that are socially and culturally inclusive. Graduates of this unit should be able to be productive members of organisational change teams.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** MGB211  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB119, COB102  
**Campus:** CA, GP **Sem:** 1, 2

#### ► MGB315 PERSONAL AND PROFESSIONAL DEVELOPMENT

This unit develops personal, interpersonal and professional competencies (in both cognitive and affective domains) necessary for a human resource or management professional. It develops personal awareness and understanding, interpersonal competencies, and professional skills. It also examines influence processes, negotiation and conflict resolution and stress management. Throughout, the course emphasises the design of processes to achieve outcomes and skills of reflective practice. The focus is on developing

skills to enhance individual competence and leadership skills to enhance effectiveness.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** 144 credit points of study  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB104  
**Campus:** CA, GP **Sem:** 1, 2

#### ► MGB320 RECRUITMENT AND SELECTION

This unit draws on conceptual foundations established in MGB221. The unit examines the environment of recruitment and selection, with a particular emphasis on legal issues. Recruitment strategies are evaluated and considered from the perspective of the organisation and the individual. Personnel selection techniques are examined in relation to technical issues of reliability, validity, fairness, and applicability. Practical skills in designing personnel selection techniques are developed, including the opportunity to develop skills in the interview process.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** MGB221  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB134  
**Campus:** CA, GP **Sem:** 2

#### ► MGB321 ADVANCED PRACTICE IN RECRUITMENT AND SELECTION

This unit draws on conceptual foundations established in MGB320 Recruitment and Selection. The unit examines the theory and practice of advanced selection techniques. In addition, the application of selection techniques to a range of contexts and occupational groups is explored including operatives, management, customer service, and other groups. A range of contemporary issues are addressed. This unit focuses on strategy and professional practice skills.

**Courses:** BS56 **Prerequisites:** MGB320  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB134  
**Campus:** GP **Sem:**

#### ► MGB325 ADVANCED PRACTICE IN TRAINING AND DEVELOPMENT

This unit focuses on designing, implementing and evaluating systems for individual and organisational learning as part of a strategic approach to human resource development. The unit relies heavily on empirical and theoretical works to inform practice. Throughout the semester students examine in depth the key cognitive and motivational theories relating to training, examine advanced training methodologies, career development, focus on transfer of training, and investigate how to evaluate the effectiveness of training programs using research designs. The unit also highlights the important characteristics of a competent trainer.

**Courses:** BS56 **Prerequisites:** MGB331  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRB101  
**Campus:** GP **Sem:** 1

#### ► MGB331 TRAINING AND DEVELOPMENT

This unit introduces students to theory and competencies required of a beginning or an occasional trainer: adult learning theory applicable to training in a vocational setting, research and competency development. Topics include the following: national training framework; instructional models and theories of adult learning; training needs analysis; training objectives; training evaluation; training models; training aids/audiovisuals; training administration. This unit has a strong focus on mastery of theoretical foundations as well as on learning by doing.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62  
**Prerequisites:** MGB207 or 96 credit points of approved study  
**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** MGB217, HRB120  
**Campus:** CA, GP **Sem:** 2

#### ► MGB334 MANAGING IN A CHANGING ENVIRONMENT

This unit provides students with conceptual and analytic tools required for managing changing

environments. The emphasis is on developing an understanding of the management competencies required for managing flexibility, innovation and change. The unit moves beyond a focus on 'dot.com companies' to examine how a range of organisations both small and large are engaging with issues associated with an increasing emphasis on technology.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62

**Prerequisites:** BSB212 or MGB222 or 96 credit points of approved study

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSB312  
**Campus:** CA, GP **Sem:** 1, 2

#### ► MGB335 PROJECT MANAGEMENT

This unit develops knowledge in the areas relating to effective management of projects (as distinct processes). This knowledge is gained by focusing on the central issues of project selection, modelling, planning, control and evaluation. Case study projects are used throughout the unit and are mainly from the services industry sector. The unit seeks to develop 'technical' (tools and techniques) as well as 'people' (behavioural) skills needed for effective management of projects.

**Courses:** BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

**Prerequisites:** MGB222 or 96 credit points of approved study

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► MGB336 ADVANCED MANAGEMENT RESEARCH METHODS

This unit provides students with an advanced understanding of data applications necessary for higher level or postgraduate research projects. Preceding methods units introduce research methodology and examine the selection of research methods. This unit focuses specifically on the application of quantitative statistics to managerial decision-making and organisational research. At the conclusion of this unit, students will have a sound working knowledge of SPSS.

**Courses:** BS56 **Prerequisites:** MGB220  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:**

#### ► MGB337 SPECIAL TOPIC

This unit allows students to undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending upon issues examined, and the academic member(s) involved (including visiting academics).

**Courses:** BS56  
**Prerequisites:** 96 credit points of approved study  
**Contact hours:** Flexible Mode **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► MGB338 HUMAN RESOURCE MANAGEMENT WORKPLACE LEARNING

This unit entails a structured program of workplace learning in which students are exposed to a variety of organisational issues. For the duration of their experience, students work on a specific HRM project of relevance to their host organisation. Building upon knowledge acquired in the HRX major, students' exposure to HRM in an actual organisational setting enhances understanding of links between theory and practice and develops skills and abilities through a professional learning experience.

**Courses:** BS56  
**Prerequisites:** Enrolment in HRX major and Minimum GPA of 5  
**Contact hours:** 120 hours in workplace and 12 at university  
**Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► MGN402 GOVERNMENT-BUSINESS RELATIONS

In this unit, students develop an understanding of the relationships between business and government in an historical, contemporary and comparative context. The course will focus on the following: the interaction between politics and the economy, particularly in Australia; the historical development of the relationships between the private and public sectors; the impact that



policies and actions each have on the operations of the other.

**Courses:** BS93

**Contact hours:** Flexible Mode **Credit points:** 12  
**Incompatible with:** MGB203, EPN101, EPB125  
**Campus:** GP **Sem:** 1

#### ► MGN404 MANAGING AND ORGANISING GLOBAL FIRMS

This unit aims to provide a detailed examination of the typical impacts of the international environment upon the organisation, its management, structure, operations and human resource capacities. In addition, the unit discusses management issues to be faced by organisations entering into export markets.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSN401  
**Campus:** GP

#### ► MGN409 INTRODUCTION TO MANAGEMENT

This unit examines the following: the functions and roles of managers; concepts and principles and their practical applications; the key management functions; areas of planning, organising, staffing, directing and controlling; production/operations management and the management of quality; entrepreneurship and business planning; and important problems, opportunities and trends facing managers in Australia analysed from the viewpoint of academic disciplines.

**Courses:** BS39, BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRN104  
**Campus:** GP **Sem:** 1, 2

#### ► MGN410 LABOUR-MANAGEMENT RELATIONS

This unit looks at the following: employee relations; employee and union action; the role of governments and industrial tribunals; alternative methods and pressures to change traditional Australian systems; the Australian system of labour-management relations; systems of regulation in the employment area; negotiating skills; the resources required for mobilising change in this area.

**Courses:** BS39 **Contact hours:** Flexible Mode  
**Credit points:** 12 **Incompatible with:** HRN105  
**Campus:** GP **Sem:** 2

#### ► MGN412 PEOPLE IN ORGANISATIONS

This subject aims to provide a broad understanding of organisational behaviour as a base for future study and practice of management. It moves from a micro-perspective on individual behaviour through the interface between the individual and the organisation to overall characteristics of organisations which shape the behaviour of their members. The aim is to provide an understanding of why employees feel and act the way they do in organisations and considers methods for enhancing positive employee attitudes and behaviours, and organisational effectiveness. The emphasis is on understanding basic assumptions and models, major theoretical issues, methods of measurement and practical implications.

**Courses:** BS32

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** HRN108  
**Campus:** GP **Sem:** 1

#### ► MGN421 STRATEGIC HRM

HRM is concerned with the relationship between people management strategies and organisational goals and objectives. This capstone unit provides HRM students with the opportunity to apply their learning to this relationship in a systematic way. It requires them to produce high quality HRM advice that provides direction for practicing line managers consistent with organisational goals and objectives. The learning strategies in the unit challenge students to identify contemporary issues of organisation and management and to interpret these using the paradigms of HRM.

**Courses:** BS39, BS93

**Prerequisites:** MGN427 or undergraduate specialisation in HRM advisable  
**Contact hours:** Flexible Mode **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► MGN422 CONTEMPORARY ISSUES AND PRACTICES IN EMPLOYEE RELATIONS

This unit provides human resource practitioners with skills and knowledge to cope with changing employee relations, conditions, and work practices in Australia. The focus of the unit is on issues relating to changes in industrial relations and how these impact on HR practice. The pressures to move to an EB system, negotiation of EB agreements and related work practice issues (such as the impact of these changes on health and safety, work and family responsibilities, workforce diversity and the increasing use of technology) are addressed.

**Courses:** BS39, BS93

**Contact hours:** Flexible Mode **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► MGN423 CONTEMPORARY STRATEGIC ANALYSIS

This unit focuses upon developing managers' understanding of the strategy concept and placing the fundamental elements of strategy in a framework for use in the decision-making process. Taking the perspective that many managers make decisions that can have strategic implications, the emphasis is upon studying those issues that can affect the strategic positioning of the organisation. This involves creating an understanding of the universal building blocks of competitive advantage at the business, corporate and international levels. By understanding the nature and determinants of competitive and comparative advantages, students will be well-positioned to take a more strategic perspective in their organisational activities.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** BSN407, MGN504  
**Campus:** GP **Sem:** 1, 2

#### ► MGN424 INTERNATIONAL DIMENSIONS OF HRM

This unit provides students with an overview of the complex array of issues that face organisations when managing their human resources in an international context. Taking an organisational level focus to understanding how best to manage people internationally, the unit strategically overviews the need to integrate organisational policy and national cultural and legislative constraints in maximising performance of international managers and organisations. The unit presents the view that HRM should be strategically integrated into the development of international operations from start-up. It addresses the HRM's role in engendering global consciousness and global transformation.

**Courses:** BS39, BS93

**Prerequisites:** MGN427, or undergraduate specialisation in HRM

**Contact hours:** Flexible Mode **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► MGN425 THE CONTEXT OF PUBLIC MANAGEMENT

The aim of this unit is to acquaint students with the context within which public bureaucracies function, particularly the special characteristics of public accountability which distinguish these bureaucracies from private sector organisations. The primary focus is on the Australian scene, although students draw comparisons from their own experience within or outside Queensland. Topics include the following: the role of interest groups, parties and external government actors in the formulation of public policy; accountability requirements through parliamentary and other agencies; alternative mechanisms for service delivery; inter-governmental relations, including the role of local governments in the federal system.

**Courses:** BS39, BS93

**Contact hours:** Flexible Mode **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► MGN426 INTERNATIONAL TRENDS IN PUBLIC MANAGEMENT

This unit examines major international trends and issues in public management, especially the impact of the New Public Management, focused upon corporatisation and privatisation, regionali-

sation, and devolution of decision-making. It discusses the evolution of institutional structures of administration and policy making under the pressure of global economic and political forces. The effect of international trends is examined with reference to the changing nature of public management within particular national contexts.

**Courses:** BS39, BS93

**Contact hours:** Flexible Mode **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► MGN427 HUMAN RESOURCE MANAGEMENT

This unit is designed to introduce students to the importance of human resource management for the effectiveness of organisations operating in complex and/or global environments and the quality of work life. The subject examines human resource management from multiple consistency, functional and strategic perspectives. It utilises an open systems model to introduce some of the key processes of personnel management, which are treated at a theoretical and skill level. The subject fosters knowledge, analytical and operational competencies.

**Courses:** BS32, BS39, BS93, GS41, GS85, GS86

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► MGN428 MANAGING NEW BUSINESSES

This unit is designed for the in-depth analysis of starting small businesses and for the development of a comprehensive business plan. This unit emphasises hands-on leadership for business owners in innovative firms, such as high-tech industries. In this new environment, extensive human resource skills are required to start up and operate small businesses.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► MGN429 STAFFING POLICIES AND STRATEGIES

This unit examines and critiques staffing policies and processes from both strategic and technical perspectives with a focus on improving organisational staffing to enhance organisational effectiveness and capability. Measurement issues associated with recruitment and personnel selection techniques are examined and the application of selection techniques to a range of contexts and occupational groups is explored.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► MGN430 STRATEGIC PERFORMANCE MANAGEMENT

This unit provides the competencies expected of advanced HR practitioners and managers. It provides a theoretical basis for the performance management function of HRM as well as addressing the issue of employee rewards and compensations. It identifies from a strategic management perspective the uses of and the relations between various HRM functions for optimising individual and organisational performance.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► MGN431 STRATEGIC HUMAN RESOURCE DEVELOPMENT

Strategic HRD provides a theoretical and practical framework for planning and implementing HRD within today's organisations. It examines the critical theoretical approaches underpinning learning and skills development and relates these in a practical way to the HRD challenges faced by organisations. This unit also provides exposure to contemporary international HRD ideas and practices to develop an understanding of the contribution of HRD to the broader economic context.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **MGN500 ADVANCED READINGS IN HUMAN RESOURCE MANAGEMENT 1**

This unit explores in-depth advanced theory, research, and issues of practice in human resource management.

**Courses:** BS93

**Contact hours:** Flexible Mode **Credit points:** 12  
**Campus:** GP **Sem:**

► **MGN501 READINGS IN MANAGEMENT**

This unit examines in detail advanced theory and issues from a chosen discipline area. The object is to have students explore the breadth of their discipline in contrast to the more narrow focus of their thesis work. Students select advanced readings in their field and submit a comprehensive criticism and review. This work is carried out in consultation with the supervisor.

**Courses:** BS63, BS92

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRN118

**Campus:** GP

**Sem:** 1

► **MGN505 CONSULTING AND CHANGE MANAGEMENT**

This unit considers the origins, nature and effect of social change on individuals, organisations and communities. Theories and models of change are used to explore planned and unplanned changes currently occurring, particularly as these relate to possible futures. Emphasis is on the strategies and skills required to initiate and participate in effective change management.

**Courses:** BS39, BS93

**Contact hours:** Flexible Mode **Credit points:** 12  
**Campus:** GP **Sem:** 1

► **MGN506 CONTEMPORARY ISSUES IN HRM**

The main objectives of this unit are to identify, analyse and report on contemporary issues in HRM and to research information relevant to identified topics. The content may vary according to which issues are current or predictably important in the future. Special expertise of staff, visiting scholars or distinguished HRM professionals may be utilised.

**Courses:** BS39, BS63, BS92, BS93

**Contact hours:** Flexible Mode

**Credit points:** 12 **Incompatible with:** HRN115

**Campus:** GP

**Sem:** 1

► **MGN507 CONTEMPORARY ISSUES IN MANAGEMENT**

In this unit, students examine in detail advanced theory and issues from their chosen field of study. Such study may include any of the following: an analysis of the historical developments in the field; interconnections with other fields; current significant issues and practices (including ethics); advanced methodology and/or statistics relevant to the field. The content may vary according to which issues are significant at the time, the special expertise of the staff (including visiting scholars and distinguished business leaders) and the specific needs from thesis proposals.

**Courses:** BS63, BS92

**Contact hours:** Flexible Mode **Credit points:** 12  
**Incompatible with:** HRN119

**Campus:** GP

**Sem:** 2

► **MGN508 HRM CASES**

This unit further develops students' capacity to analyse, evaluate and solve business problems and encourages them to develop the facility for independent thought and critical analysis. Students are required to examine a human resources function in an organisation, and report observations, relate these observations to relevant theory and recent research, and develop an integrated view of human resources, including its functions, processes, stakeholders, and environment. Finally, the unit focuses on any conceptual, theoretical, research or practical material relevant to the cases.

**Courses:** BS63, BS92

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** HRN116

**Campus:** GP

**Sem:** 2

► **MGN509 HUMAN RESOURCE MANAGEMENT PROJECT 1**

This unit provides the opportunity for students to undertake an approved project to develop and

enhance learning associated with the coursework elements of human resource management.

**Courses:** BS93

**Contact hours:** Flexible Mode **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

► **MGN510 HUMAN RESOURCE MANAGEMENT PROJECT 2**

This unit provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of human resource management.

**Courses:** BS93

**Contact hours:** Flexible Mode **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

► **MGN514 MANAGEMENT PROJECT 1**

This unit provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of management.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:**

► **MGN515 MANAGEMENT PROJECT 2**

This unit provides the opportunity for students to undertake an approved project to develop and enhance learning associated with the coursework elements of management.

**Courses:** BS93

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP

**Sem:**

► **MGN516 POLICY ANALYSIS**

In this unit, students develop skills in the analysis of policy content and policy process. This unit provides a basic methodological framework for the systematic development of those skills with two related objectives: to examine a range of models of public policy processes with a view to determining their validity and utility; to develop a capacity for policy analysis, utilising a variety of conceptual frameworks. Topics include policy design, formation and implementation, and theories of policy.

**Courses:** BS39, BS93

**Contact hours:** Flexible Mode

**Credit points:** 12 **Incompatible with:** EPN104

**Campus:** GP

**Sem:** 2

► **MGN517 PROGRAM MANAGEMENT AND EVALUATION**

This unit provides an understanding of program management and evaluation in the public sector with an emphasis on skills development, theory and methodology of evaluation research, qualitative and quantitative tools and the application of these to a public sector program.

**Courses:** BS39, BS93

**Contact hours:** Flexible Mode

**Credit points:** 12 **Incompatible with:** EPN106

**Campus:** GP

**Sem:** 1

► **MGN524 SPECIAL TOPIC IN MANAGEMENT 1**

In this unit, students undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending on the issue examined, and the academic member(s) involved (including visiting academics).

**Courses:** BS93 **Contact hours:** Flexible Mode

**Credit points:** 12 **Campus:** GP

► **MGN525 SPECIAL TOPIC IN MANAGEMENT 2**

In this unit students undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending on the issue examined, and the academic member(s) involved (including visiting academics).

**Courses:** BS93 **Contact hours:** Flexible Mode

**Credit points:** 12 **Campus:** GP

► **MGN526 ADVANCED READINGS IN MANAGEMENT 2**

In this unit, students explore in-depth advanced theory, research and issues of practice in management.

**Courses:** BS93

**Contact hours:** Flexible Mode **Credit points:** 12

**Incompatible with:** HRN118

**Campus:** GP

► **MGN527 ADVANCED READINGS IN HUMAN RESOURCE MANAGEMENT 2**

In this unit, students explore in-depth advanced theory, research and issues of practice in human resource management.

**Courses:** BS93 **Contact hours:** Flexible Mode

**Credit points:** 12

**Campus:** GP

► **MGN528 SPECIAL TOPIC IN HUMAN RESOURCE MANAGEMENT 1**

In this unit, students undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending on the issue examined, and the academic member(s) involved (including visiting academics).

**Courses:** BS93 **Contact hours:** Flexible Mode

**Credit points:** 12

**Campus:** GP

► **MGN529 SPECIAL TOPIC IN HUMAN RESOURCE MANAGEMENT 2**

In this unit, students undertake specialised study on a topic area relevant to particular needs. It permits an in-depth examination of an issue of importance. The content varies depending on the issue examined, and the academic member(s) involved (including visiting academics).

**Courses:** BS93 **Contact hours:** Flexible Mode

**Credit points:** 12

**Campus:** GP

► **MMB004 INFOMECHATRONICS PROJECT**

The aim of this unit is to develop the student's capability to apply mechanical engineering and management principles in solving a real world industry problem. Students are required to practice theoretical, analytical, and experimental techniques taught in previous years of the course and also demonstrate practical skills in synthesis, design and manufacture as well as project management. Topics include problem definition and solution, literature review, and industry research.

**Courses:** ME40

**Credit points:** 36

**Sem:** 2

► **MMB112 DYNAMICS**

This unit concerns the motion of machines and structures that have to operate with high speeds and accelerations and the application of principles of mechanics, in particular dynamics. The principles are basic to the analysis and design of moving structures, ranging from ground and air vehicles to robotic devices and automatic control systems. The content includes the following: fundamental equations of kinematics; Newton's law of motion; coordinate systems in plane motion; fundamental equations of particle kinetics; energy, power, impulse and momentum; kinematics of rigid bodies in plane motion, relative motion and motion relative to rotating axes; kinetics of rigid bodies.

**Courses:** ME41, ME42, ME48

**Prerequisites:** MAB180 or MAB131, CEB109

**Contact hours:** 6 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2, 3

► **MMB131 ENGINEERING MATERIALS**

This unit provides an introduction to Engineering Materials and Materials Science. Topics covered include the following: atomic bonding; crystal structure; elastic and plastic deformations; defects; alloying; strengthening in metals; diffusion; fracture and creep; phases and phase diagrams; transformation of phases; steels; introductory corrosion; ceramics, polymers and composite materials; electronic materials.

**Courses:** CE44, CE45, EE48, EE41, EE42, IF42,

ME41, ME48, ME42, SC01

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

► **MMB191 INTRODUCTION TO ENGINEERING IN THE MEDICAL ENVIRONMENT**

The medical environment has its own culture, methodology and terminology to which the medical engineer must become accustomed. Similarly, engineering has its own terminology and means of communication. This unit includes the following: the engineering profession and its disciplines in Australia and worldwide; Australian healthcare system; medical terminology; health technology and equipment; engineering



and medical ethics case studies; engineering communication; engineering drawing.

**Courses:** ME48

**Contact hours:** 5 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 1

### ► MMB211 MECHANICS 1

All engineering designs must possess an appropriate/adequate degree of stability before they can be considered safe and reliable in service. Mechanics 1 provides a synthesis of knowledge from the general principles of mechanics and demonstrates how these can be used to ensure design integrity and design assessment. The unit introduces students to the theory of elasticity and elastic parameters such as stress and strain; analysis and design of pressurised thin walled cylinders and spheres; deflection of beams; direct and shear stresses during beam bending; buckling of columns; combined loading of structures and machine members; yield criteria for safe elastic loading.

**Courses:** ME36, ME41, ME42, ME48,

**Prerequisites:** MAB132, CEB109

**Contact hours:** 5 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 1

### ► MMB212 MECHANICS 2

Topics covered in this unit include the following: kinematic and dynamic analysis of planar linkages and mechanisms; link synthesis and its application to the design of mechanisms; determination of static and dynamic forces and torques due to inertia and other effects in mechanisms; kinematic analysis of gears and gear systems; further analysis of stress and strain; torsion of prismatic sections and thin-walled sections; axisymmetric problems; energy methods; thin plates.

**Courses:** ME41, ME42

**Prerequisites:** MMB211 or MMB313, MMB112

**Contact hours:** 6 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 2

### ► MMB232 MATERIALS TECHNOLOGY

Topics covered in this unit include the following: industrial shaping of metals; solidification theory and phase transformations; revision of iron-carbon phase diagrams; steels and heat treatments; casting - alloys, defects; and microscopic examination of materials; fundamentals of ferrous metallurgy; non-ferrous metallurgy; welding and joining technologies; non destructive testing; engineering with ceramics; processing and properties of polymers; composite materials; optical materials; fracture mechanics, aigue and creep.

**Courses:** ME36, ME41 **Prerequisites:** MMB131

**Contact hours:** 6 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 2

### ► MMB251 AERODYNAMIC PRINCIPLES

This unit includes the following: introductory concepts of fluid mechanics and thermodynamics; conservation of mass, energy and momentum; state properties of fluids; the standard atmosphere; dimensional analysis; experimental aerodynamics and aerodynamic coefficients; Reynolds number and Mach number effects; estimating aerodynamic forces and moments; fundamentals of aircraft performance; estimating range and endurance, take off and landing calculations, and flight envelopes.

**Courses:** EE48

**Contact hours:** 4 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 1

### ► MMB252 THERMOFLUIDS

Topics covered in this unit include the following: operation and testing of engines; first and second laws of Thermodynamics; properties of working fluids including equations and tables; heat engine cycles, compressors and expanders; multi stage compression; laboratory and interests; fluid properties, forces on stationary and moving fluids; flow behaviour, pressure drops, Reynolds number; theory and applications of energy equations; power transmissions in fluids; laboratory.

**Courses:** ME36, ME40, ME41, ME48, ME42

**Prerequisites:** MAB132, CEB109

**Contact hours:** 6 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 2

### ► MMB281 FUNDAMENTALS OF MECHANICAL DESIGN

This introductory design unit covers introduction to mechanical design, design procedure, system and functional approach to design, universal design and design for sustainability, concept development, engineering creativity, load analysis, development of computational scheme, general strength considerations, introduction to fatigue, shaft design, rolling bearing selection and analysis of forces in gear trains. Students also learn Computer-aided Design and Drafting software starting from simple shapes and advancing to 3-D modelling.

**Courses:** ME41, ME42, ME48

**Prerequisites:** BNB007 or MMB191

**Corequisites:** MMB211

**Contact hours:** 5 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 1

### ► MMB292 BIOMATERIALS

Topics covered in this unit include the following: an understanding of the relationships between the properties; failure mechanisms; processing and microstructures of various materials used for medical applications and their interaction with human tissues; an understanding of the fundamentals of the use of materials in a medical environment and an understanding of the fundamentals of materials properties and processing; consideration of the following: metallic, ceramic, polymeric implant materials; composites as biomaterials; structure-property relationships of biomaterials; tissue response to implants; soft tissue replacements; hard tissue replacements.

**Courses:** ME48

**Prerequisites:** MMB131

**Contact hours:** 4 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 2

### ► MMB300 PROJECT 2T

The aim of this unit is to provide students with the capability to understand mechanical engineering principles and apply them to the formulation and solution of specific engineering problems in design and development tasks. The unit involves the application of mechanical engineering principles and the communication of ideas orally and in the presentation of a formal report.

**Courses:** ME36

**Credit points:** 12

**Campus:** GP      **Sem:** 1, 2

### ► MMB302 PROJECT 2T

The aim of this unit is to provide students with the capability to understand mechanical engineering principles and apply them to formulate and solve specific engineering problems in design and development tasks. The task may involve investigation in applied research projects or industrial based projects. Students acquire the ability to communicate solutions orally and in a formal report form.

**Courses:** ME36

**Credit points:** 12

**Campus:** GP      **Sem:** 1, 2

### ► MMB311 MECHANICS 3

This unit covers two separate Mechanical Engineering disciplines: (i) Study of vibration in machines and structures; (ii) Study of automatic plant control. Students gain an understanding of transient behaviour of mechanical systems. In many instances it is the transient loads in machines or departures from the design operating condition in process plants that causes mechanical failure or unacceptable departure from product specifications. In the vibration module, the unit covers single degree of freedom systems; damped vibration; multi-degree of freedom systems with steady and transient vibrations.

**Courses:** ME41

**Prerequisites:** MAB133, MMB112

**Contact hours:** 6 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 1

### ► MMB312 MECHANICAL MEASUREMENT

This units deals with measurement techniques and instrumentation systems required in mechanical engineering applications. The unit covers (a) the basic knowledge of static and dynamic mechanical measurements with an emphasis on the measurement of position, velocity and acceleration, stress and strain, force, torque, power, vibration, noise and pressure, flow, temperature;

and (b) hands-on experience in measurement techniques and instrumentation.

**Courses:** ME36

**Prerequisites:** MAB105, EEB112, EEB220

**Contact hours:** 4 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 2

### ► MMB313 MECHANICAL ENGINEERING STUDIES

The objectives of this unit are to provide students with revision in basic knowledge in mathematics and mechanics of solids to enable smooth articulation into the advanced standing programs and provide sufficient background in the application of knowledge for the use in the latter part of the course and project work. The subject matter covered includes second order ordinary differential equations; eigenvalue extraction; moments of inertia; Fourier series; basic statics; analysis of beams; torsion; two-dimensional stress analysis; thin-walled pressure vessels; yield criteria.

**Courses:** ME41

**Contact hours:** 6 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 1, 2

### ► MMB351 THERMODYNAMICS

Topics covered in this unit include a review of basics: steam cycles and plant; nozzles, impulse and reaction turbines; gas turbines - basic and refined cycles; mixtures and Dalton's Law; refrigeration cycles and plant; chemistry of combustion and water treatment; conduction, convection and radiation; condensation and boiling; forced and free convection; analysis of heat exchangers. Laboratory work is included

**Courses:** ME41, ME42

**Prerequisites:** MMB252, MMB352

**Contact hours:** 6 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 2

### ► MMB352 FLUID MECHANICS

This unit provides students with an understanding of unsteady flow in closed conduits, performance of rotodynamic machinery used in fluid systems (including pumps, water turbines and hydraulic transmissions), incompressible flow around solid bodies (including potential flow and boundary layer flow), design and interpretation of hydraulic and pneumatic circuits (including graphical symbols, fluid logic, components of fluid systems) and basic compressible flow (including normal shock waves).

**Courses:** ME41, ME42

**Prerequisites:** MAB132, MMB211, MMB252

**Contact hours:** 6 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 1

### ► MMB353 TRIBOLOGY

This unit builds upon the design units in the courses. Topics covered include the following: introduction to tribology and fundamentals of dry contact mechanics; specification and measurement of surface topography; review of the fundamentals of friction and the modes of wear; regimes of lubrication (hydrodynamic, hydrostatic, boundary and elastohydrodynamic); properties of lubricants, including additives; bearing design (fluid film journal and thrust pad bearings); lubrication of gears, rolling element bearings, human and prosthetic joints; lubricant degradation and reclamation; rapidly biodegradable products; advanced condition monitoring.

**Courses:** ME40, ME41, ME42, ME43, ME48

**Prerequisites:** MMB381, MMB382

**Contact hours:** 4 per week      **Credit points:** 12  
**Campus:** GP      **Sem:** 2

### ► MMB362 BIOFLUIDS

This unit includes consideration of the following: the particular properties of the fluids that might be encountered in biomedical engineering and an introduction to techniques to analyse their behaviour; the properties of the fluids and their relation to biological function; the relevance of fluid properties to the design of associated equipment; continuity of flow; viscosity and its measurement; Newton's law of viscosity; non-Newtonian fluids; boundary layer theory; dimensional similarity; rheology of biofluids; haemodynamics; pumps and valves for biofluid systems; associated equipment; biotribology and the function of biological joints.

**Courses:** ME48

**Prerequisites:** MMB252

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus:** GP    **Sem:** 2

### ► MMB371 MANUFACTURING PROCESSES

This unit provides an understanding of the basic principles, theories, phenomena and application aspects of the various conventional and non-traditional manufacturing processes commonly used in modern manufacturing. The unit is split into two modules: Module 1: Machining and Metrology and Module 2: Casting, Forming and Joining Processes. These modules cover basic metrology and the related basic theories, application, and economics essential to mechanical and manufacturing engineers.

**Courses:** ME36, ME41, ME48, ME40

**Prerequisites:** MAB132, MMB211

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus:** GP    **Sem:** 1

### ► MMB374 DESIGN FOR MANUFACTURING 1

Topics covered in this unit include the following: introduction to design for manufacturing in the context of concurrent engineering; principles of solid modelling, its importance in a concurrent engineering environment; the idea of rapid prototyping and tooling; introduction to the basic skills in the use of CAD/CAM software for rapid product development; basic understanding of creating manufacturing specification.

**Courses:** ME40

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus:** GP    **Sem:** 2

### ► MMB375 INDUSTRIAL ENGINEERING

This unit develop skills and understanding in the concepts and techniques of engineering facilities planning and location, productivity and its measurement and improvement, job design with due consideration to ergonomics. Topics include introduction to industrial engineering; engineering process; facilities planning and design; material handling; productivity and performance methods.

**Courses:** ME41

**Campus:** GP    **Credit points:** 12  
**Sem:** 1

### ► MMB376 PROFESSIONAL PRACTICE (ENGINEERING MANAGEMENT)

The unit introduces students to the basic concepts and theory in engineering management. Students develop an understanding of real life problems and applications of engineering management, and develop people skills, management skills, and oral and written communication skills

**Courses:** ME41

**Campus:** GP    **Credit points:** 12  
**Sem:** 2

### ► MMB381 DESIGN OF MECHANICAL COMPONENTS AND MACHINES

This design unit covers the design of mechanical components and machines: materials selection in design; fasteners and power screws; riveted, welded and bonded joints, shafts and associated parts; gearing (spur, helical, bevel, worm, cyclo, and harmonic); clutches, couplings and brakes; cams, springs, frames and housings; design for manufacturability; selection of lubricants and methods of lubrication; machine components' interrelationship (case studies). Students also learn solid modelling software and use it in design project to develop a solid model of a transmission.

**Courses:** ME41, ME42  
**Contact hours:** 6 per week    **Credit points:** 12  
**Campus:** GP    **Sem:** 1

### ► MMB382 DESIGN AND MAINTENANCE OF MACHINERY

This design unit covers the following: design of special equipment (conveyors, cranes, feeding and orienting devices), mechanical structures, heavy machinery, food processing equipment, agricultural equipment, machinery exposed to corrosive environmental and extensive heat; fundamentals of friction and wear; design for reliability; machine failure analysis; analysis of case studies of industrial failures; use of the Anticipatory Failure Determination method for prediction and analysis of failures; practical application of fracture mechanics to failure analysis; machine condition monitoring; maintenance systems; styling and ergonomics in design; Occupational Health and Safety; intellectual property; quality assurance.

**Courses:** ME41, ME42

**Prerequisites:** MMB281

**Contact hours:** 6 per week    **Credit points:** 12  
**Campus:** GP    **Sem:** 2

### ► MMB391 BIOMECHANICAL ENGINEERING SYSTEMS

Topics covered in this unit include an appreciation of the mechanics of the tissues of the joints (micro mechanics or tissue mechanics) and the function of the body during normal activities (macro-mechanics or biomechanics). This unit is designed to develop an understanding of the complex properties of the individual tissues and practical competencies in the evaluation of human function and performance from a biomechanical perspective. Biomedical engineers require the ability to analyse the mechanics of the human body for applications such as prosthetic design (both artificial limbs and replacement joints), design of assistive devices for people with disabilities, sporting performance, ergonomic tasks, and other health related areas.

**Courses:** ME48

**Prerequisites:** CEB109, MMB292, MMB211

**Contact hours:** 6 per week    **Credit points:** 12  
**Campus:** GP    **Sem:** 1

### ► MMB392 BIOENGINEERING DESIGN 2

This unit is structured to further develop the engineering design skills of students, with particular emphasis on the role of computer-aided design (CAD), materials selection, manufacturing processes, assembly and maintenance in the design and management of bio-engineering devices. A knowledge of manufacturing processes, fundamentals of engineering design, engineering drawing and engineering materials is assumed. Content includes design for manufacture; materials selection; computer-aided design and solid modelling; rapid prototyping techniques; user interface. Case studies of selected medical devices are included.

**Courses:** ME48

**Prerequisites:** MMB281, MMB371

**Contact hours:** 5 per week    **Credit points:** 12  
**Campus:** GP    **Sem:** 2

### ► MMB400 INDUSTRY PROJECT

Professional engineers are required to manage projects and this unit provides a vehicle for students to undertake a structured, individual project program under supervision and within industry. The BE(Mech) course (like any engineering course) requires that students are capable of using their initiative to manage a major project to satisfactory completion. The project is to be a substantial piece of work relevant to the course and carried out by each student on an individual basis. It is to investigate and analyse a real technological or managerial problem in mechanical engineering and apply solutions that take into consideration both technological and economic factors. Students are required to present seminars and a final thesis.

**Courses:** ME41, ME42

**Credit points:** 48    **Contact hours:** 40  
**Sem:** 1, 2

### ► MMB401 PROJECT 1/2

Professional engineers are required to manage projects and this unit provides a vehicle for students to undertake a structured, individual project program under supervision. The BE(Mech) course (like any engineering course) requires that students are capable of using their initiative to manage a major project to satisfactory completion. The project is to be a substantial piece of work relevant to the course and carried out by each student on an individual basis. It is to investigate and analyse a real technological or managerial problem in manufacturing engineering and marketing and to apply solutions that take into consideration both technological and economic factors. Students are required to present seminars and a final thesis.

**Courses:** ME41, ME42

**Campus:** GP    **Credit points:** 48  
**Sem:** 1, 2

### ► MMB402 ENGINEERING MANAGEMENT PROJECT 1/2

Students undertake a project applying mechanical engineering and management principles to solve a real world industry problem.

**Courses:** ME41

**Campus:** GP    **Credit points:** 48  
**Sem:** 1, 2

### ► MMB409 PROJECT 1/2

Professional engineers are required to manage projects and this unit provides a vehicle for students to undertake a structured, individual project program under supervision. The BE(Medical) course (like any BE course) requires that students are capable of using their initiative to manage a major project to satisfactory completion. The project is to be a substantial piece of work relevant to the course and carried out by each student on an individual basis. It is to investigate and analyse a real technological or managerial problem in medical engineering and apply solutions that take into consideration both technological and economic factors. Students are required to present seminars and a final thesis.

**Courses:** ME48

**Campus:** GP    **Credit points:** 48  
**Sem:** 1, 2

### ► MMB411 ADVANCED AUTOMATIC CONTROL

Continuous automatic control of mechanical systems is fundamental to the automation of manufacturing and process plant. This subject exposes the student to the practical issues of design of automatic control systems using the 'classical control' theory taught in Mechanics 3.

**Courses:** ME41, ME42

**Prerequisites:** MAB133, MMB311

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus:** GP    **Sem:** 2

### ► MMB412 FINITE ELEMENT ANALYSIS

Design engineers must be exposed to modern techniques of analysis for design evaluation and optimization. The finite element method provides a means of achieving this goal. Topics covered in this unit include the following: introduction to the finite element method; introduction to simple models of material and structural behaviours; the Galerkin finite element approximation technique for model differential equations; finite elements and their characteristics; interpolation and shape functions and their relevance in FEA. All students are introduced to a commercial software package and carry out analysis of engineering problems using the software.

**Courses:** ME41, ME42

**Prerequisites:** MMB311

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus:** GP    **Sem:** 2

### ► MMB413 INDUSTRIAL NOISE AND VIBRATIONS

The unit is concerned with the study of methods of noise and vibration measurement and control in industry. Students are required to be capable of modelling and predicting noise and vibration in an industrial environment. Topics covered include the following: instrumentation and measurement of noise and vibration; behaviour and analysis of sound waves; measurement of noise and noise criteria; attenuation from barriers and screens; behaviour of sound in room; sound transmission through partition and noise reduction through partition; vibration generation and transmission; measuring vibration and analysis; instrumentation, vibration condition monitoring and balancing of rotating machines.

**Courses:** ME41, ME42

**Prerequisites:** MMB311

**Contact hours:** 4 per week    **Credit points:** 12  
**Campus:** GP    **Sem:** 2

### ► MMB430 ADVANCED MATERIALS

Topics covered include the following: materials selection for weight critical applications; aluminium and its alloys - principles of age hardening, aluminium-lithium alloys, issues in processing aluminium; light alloys - magnesium, titanium alloy groups and uses; fibre composite materials - Young's modulus, strength and fracture, fibre composites, design with composites; introduction to thin film deposition - physical and chemical vapour deposition, sol-gel deposition, thin film analysis and microstructure; ceramic structures

and processing - classification of structures, structure-property relationships, defects in ceramics, ceramic processing; special topics.

**Courses:** ME41, ME42

**Prerequisites:** MMB232

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► MMB450 AIR CONDITIONING

Topics covered in this unit include the following: detailed analysis of psychrometric and refrigeration cycles; calculation of building cooling loads; air conditioning and refrigeration plant machinery and heat exchangers; ductwork design; application in systems operation.

**Courses:** ME41, ME42

**Prerequisites:** MMB252

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► MMB451 ENERGY MANAGEMENT

Topics covered in this unit include the following: the systematic process by which energy use is monitored and analysed; individual treatment of electricity, fuels and their properties; compressed air, buildings, cycle requirements; pinch technology; energy recovery equipment; financial analysis of proposals. Environmental aspects are considered for each topic.

**Courses:** ME41, ME42

**Prerequisites:** MMB252

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► MMB461 PROCESS SYSTEMS DESIGN

This unit involves the design of various process plant equipment such as piping systems (including control of fluid flow via pumps and valving, support systems and pipe stressing), pressure vessels such as heat exchangers and cooling towers. It introduces students to the pumping of slurries, according to relevant codes.

**Courses:** ME41, ME42

**Prerequisites:** MMB351, MMB352

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► MMB470 ENGINEERING ASSET MANAGEMENT AND MAINTENANCE

Engineers are often involved in the management of substantial amounts of plant, machinery and similar assets. In today's capital intensive industries, maintenance is a major cost element, and the efficiency of operations is heavily influenced by equipment reliability and maintenance effectiveness. The engineer needs to know how to organise maintenance and how to create and implement effective asset management and maintenance plans. This unit includes the following: engineering asset management policy statement; overhaul and replacement of engineering assets; organisation for maintenance; maintenance planning and control; failure mode and effect analysis; reliability, maintainability and availability analysis; risk assessment; spare parts inventory management.

**Courses:** ME41, ME42, ME48

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► MMB471 COMPUTER INTEGRATED MANUFACTURING

Topics covered in this unit include the following: introduction of the concepts of strategic planning for computer integrated manufacturing; concepts of advanced manufacturing technologies and the various components of computer integrated manufacturing system; the importance of concurrent engineering in the context of CIM; introduction to the principles of modelling and simulation techniques as a design and evaluation tool for manufacturing systems.

**Courses:** ME41, ME42

**Prerequisites:** MMB371

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► MMB472 DESIGN FOR MANUFACTURING 2

Topics covered in this unit include the following: basic concepts in the analysis of a mechanical engineering design, relating the design requirements to a range of manufacturing processes; an understanding of the complete manufacturing

specifications for mechanical designs based on functional requirements, manufacturing processes, interchangeability and standardisation; introduction to the basic principles in the design of jigs and fixtures in manufacturing.

**Courses:** ME41, ME42, ME48

**Prerequisites:** MMB371

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► MMB476 OPERATIONS MANAGEMENT

This unit develops students' ability in applying quantitative techniques in solving different types of industrial operations problems. Topics include the following: product mix, assignment and transportation models; location and layout decisions, job design analysis; project planning; quality control and the use of simulation in operations management.

**Courses:** ME41, ME42

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► MMB478 MECHATRONICS SYSTEMS DESIGN

This unit provides students with an understanding of design and interpretation of hydraulic and pneumatic circuits (including graphical symbols, fluid logic and components of fluid systems) and with a basic understanding of PLC programming for control of manufacturing systems with the emphasis on hands on practice of developing a control system for a given process. Topics include the following: Mechatronics systems design; power supply; introduction to fluid power and graphical symbols; hydraulic and pneumatic systems; simple circuits; fluid logic; logic symbols and circuits; hydraulic components, fluids, system design, circuits; pressure compensated flow control.

**Courses:** ME40

**Prerequisites:** MMB371, MMB252

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► MMB492 HEALTH LEGISLATION AND THE MEDICAL ENVIRONMENT

This unit provides an introduction to the types of legislative control in the health and medical industries. It highlights the minimum requirements in relation to the role of medical engineers and their contribution to successful and ethical relationships with medical, health legislative, and regulatory affairs professionals. Content includes the following: national and international legislative controlling bodies and codes (EC, TGA, FDA); structure and sources of legal system (State and Federal); Good Manufacturing Practice (GMP); ISO9000 Quality Systems; Total Quality Management; ethics committees and clearance; industry case studies.

**Courses:** ME48

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► MMB494 REHABILITATION EQUIPMENT DESIGN AND EVALUATION

Bioengineers require an understanding of the criteria associated with the needs and design of specific items of equipment for rehabilitation and the functionally impaired. This unit introduces students to many different areas of rehabilitation and the design of equipment to assist people with disabilities. There are formal lectures and tutorials, some of which will be presented by practitioners from the different areas of rehabilitation.

**Courses:** ME48

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► MMB496 MODELLING AND SIMULATION FOR MEDICAL ENGINEERS

Computational modelling and simulation are widely used in engineering in general, and in specific areas of medical engineering. Modelling can be described as the process of determining analytical representations of physical elements for the purpose of investigating kinematic, kinetic and structural properties and performance. Content includes the following: introduction to MATLAB programming techniques; process of model creation; methods of analysis of determi-

nate and indeterminate systems; simulation techniques and examples of advanced applications.

**Courses:** ME48

**Prerequisites:** MMB391

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► NRB100 ENVIRONMENTAL SCIENCE

General features of the aquatic, atmospheric, and terrestrial systems are described. This incorporates the main chemical, physical, and biological processes that influence their development. The evolution of these systems, and their interaction, is considered. The human involvement, its type, extent, and impact, is then examined. To give some relevance to the global concepts presented, a range of examples are given for the Australian environment and its resources, and human interaction with them.

**Courses:** ED50, SC01

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** CA, GP **Sem:** 1

#### ► NRB230 PLANET EARTH

This unit focuses on geological principles, formation and classification of minerals, rocks and soil, the origin of the Earth and the solar system, stratigraphy, geological time, dating and geological history, fossils, structural geology and plate tectonics, and economic and applied geology.

**Courses:** ED50, SC01

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** CA, GP **Sem:** 1, 2

#### ► NRB240 HISTORY OF LIFE ON EARTH

This unit provides an introduction to the history and development of life on Earth with an emphasis on fundamental biological and ecological principles as they have operated through geological time.

**Courses:** SC01

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► NRB270 ANIMAL AND PLANT STRUCTURE AND FUNCTION

This unit emphasises the integration of major biochemical and physiological process within functioning organisms. Aspects of energy flow (photosynthesis and respiration) are considered. The structure of major organs and organ systems is described and related to their function. The regulation and coordination of organism function via biological feedback mechanisms, nervous and/or hormonal systems are outlined.

**Courses:** ED50, SC01

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** CA, GP **Sem:** 2

#### ► NRB301 EARTH SURFACE SYSTEMS

This unit includes the investigation of earth surface processes, landforms and land-forming agents, soil formation and soil dynamics. It also includes the history of earth surface features and the formation of Australian landscapes. The nature and scale of landforms and soil landscapes is emphasised along with the soil- and land-forming processes that operate through time within earth surface systems. Analytical field and laboratory techniques concerning land- and soil-forming processes and the scientific investigation and management of natural resources are a central component. Field trips and assignments focus on applying geomorphological and pedological principles to problem-solving in the environment.

**Courses:** SC01

**Prerequisites:** NRB100

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB311 POPULATION ECOLOGY

This unit includes a broad theoretical background in the major concepts of plant and animal ecology. Topics include ecology of individuals, dynamics of single populations, demography, interactions within and between populations, determinants of population size, behavioural ecology, and basic approaches to estimating population parameters.

**Courses:** SC01

**Prerequisites:** NRB100 or LSB118

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB331 SEDIMENTARY GEOLOGY

This unit includes types of sediments and their classifications and occurrence, textures, grain

size and analysis, and sedimentary depositional environments. The analysis of maps and sedimentary successions is approached using sediment type, stratigraphy. Applications considered cover environmental studies, coastal and land management, and mineral, petroleum and other resource assessment.

**Courses:** SC01

**Prerequisites:** NRB230 **Corequisites:** NRB333

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB333 MINERALOGY

This unit includes crystallography, symmetry, Miller indices, axial ratios, crystal forms, classes, systems, lattices, unit cell, crystal chemistry, crystal growth and defects, atomic structure, periodic table, ions and packing, Pauling's rules, bonding and mineral properties, substitution, solid solution, polymorphism, pseudomorphism. It also includes the classification of minerals; systematic treatment of the physical, chemical and structural properties of minerals; techniques of mineral analysis; theory and identification of minerals in transmitted light; optical properties and identification of minerals in thin section, and grain mounts.

**Courses:** SC01

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB370 INVERTEBRATE BIOLOGY

The major focus of this unit is the examination of the diversity of invertebrate functional systems, behaviour, and life histories. These are viewed in an evolutionary context. A brief overview of the diversity, phylogeny, and classification of invertebrates is provided. Emphasis is placed on understanding the features of the Arthropods, the dominant phylum within the invertebrates.

**Courses:** SC01, ED50 **Prerequisites:** LSB118

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB371 PLANT BIOLOGY

Ever wondered what the first plant to crawl out of the sea looked like? This unit takes students on a journey to see how they looked and lived. We'll use students' imaginations, some great images and learning experiences to show students how plants evolved into some of the most enormous organisms on the planet. Ever wanted to visit a forest essentially unchanged for 80 million years? We'll go on a virtual tour - we'll take students there. We'll talk about the distribution and abundance of the most successful of the invaders of terrestrial environments - the plants. We'll also discuss some of the unique adaptations of Australian plants to their environment. The time machine awaits - first stop - the first plants to colonise the land.

**Courses:** ED50, SC01 **Prerequisites:** LSB118

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB410 GENETICS AND EVOLUTION

This unit provides a basic understanding of the mechanisms of inheritance using Mendelian Genetics as a foundation. These principles are extended to develop a clear understanding of the mechanisms and processes that drive evolution in natural populations. Topics include the physical basis of heredity, Mendelian and non-Mendelian inheritance patterns, genotype/environment interactions, quantitative traits, evolutionary theory, adaptation and natural selection, sexual selection and the evolution of life histories.

**Courses:** ED50, SC01 **Prerequisites:** LSB118

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► NRB412 EXPERIMENTAL DESIGN

This unit emphasises practical considerations of field and laboratory-based experimentation in ecology and environmental science, and provides experience in problem assessment, definition, formulation of testable hypotheses and experimental design. The unit includes undertaking typical field exercises in ecology, and analysing, interpreting and reporting experimental work.

**Courses:** SC01

**Prerequisites:** NRB311, MAB101

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► NRB434 STRUCTURAL GEOLOGY AND FIELD METHODS

This unit considers the deformation of geological materials. The course includes description and analysis of joints, faults, folds, boudinage, cleavage, foliations, and lineations. Also examined are principles of deformation: normal and shear stress, brittle fracture, strain and rigid motion, brittle and plastic deformation, measurement of strain, and Mohr diagrams. Practical work includes a series of assignments of increasing complexity, culminating with a course project which includes geological map interpretation and cross section construction. Field work consists of 4 trips designed for the construction of geological maps and analysis of deformed rocks. This includes a week long trip and preparation of geologic reports.

**Courses:** SC01

**Prerequisites:** MAB100, NRB230, NRB331

**Corequisites:** NRB432

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► NRB436 INTRODUCTION TO IGNEOUS AND METAMORPHIC PETROLOGY

This unit includes an introduction to the description, classification and origin of igneous and metamorphic rocks and practical development of lithologic and petrographic abilities to identify mineral assemblages, classify rocks, and interpret textures. Field and theoretical constraints on the petrogenesis of rocks are discussed in lecture. Field study is an essential component of the unit.

**Courses:** SC01

**Prerequisites:** NRB333

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► NRB437 STRATIGRAPHY AND DEPOSITIONAL ENVIRONMENTS

This unit focuses on advanced facies analysis of additional depositional environments and stratigraphic analysis including lithostratigraphy, biostratigraphy and chronostratigraphy. An introduction to sequence stratigraphy and subsurface geology utilising a variety of different data sets is also covered. Applications include both exploration in coal and hydrocarbon industries and hydrogeology and environmental geology areas.

**Courses:** SC01

**Prerequisites:** NRB331

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► NRB440 ENVIRONMENTAL CHEMISTRY

This unit includes the following: design and quality control of physicochemical monitoring programs; fundamentals of data analysis; methodologies of monitoring (variables, instruments, sampling strategies including location and frequency of observation, analytical protocols); introduction to biogeochemical cycles; the relationships between molecular structures and environmental properties; hazardous substances in the environment; chemistry of natural water bodies, including solutes and equilibria; chemistry of water pollutants; indicators of water quality; the atmosphere: structure and energy balance, air pollutants.

**Courses:** SC01

**Prerequisites:** 72 credit points of science units

including PCB140 or PCB142

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► NRB470 VERTEBRATE BIOLOGY

The core modules for this unit cover evolution and physiological capabilities (with particular emphasis on the brain). Other modules provide opportunities to enhance students' knowledge of particular aspects of vertebrate biology or to learn how to identify Australian vertebrates.

**Courses:** ED50, SC01 **Prerequisites:** NRB270

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

#### ► NRB500 ENVIRONMENTAL MODELLING

This unit builds the capacity to develop understanding of the interdependent relationships that characterise environmental systems via model building. Models are developed to study the function of simple environmental processes by adopting a systems approach. This approach is

presented as a foundation for informed environmental management.

**Courses:** SC01

**Prerequisites:** 48 credit points of second level science units

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB501 SPATIAL ANALYSIS OF ENVIRONMENTAL SYSTEMS

This unit provides an introduction to the concepts, theory and practice of GIS and Remote Sensing (RS) essential to the understanding of spatial data capture, interpretation, management and analysis methods in environmental and natural resource applications. Key elements of GIS examined include mapping theory, map projections and coordinate systems, map and spatial data, data acquisition, data presentation, and environmental applications. Key elements of RS covered include RS principles, RS platforms and systems, air-photo interpretation, spectral properties of environmental phenomena, and mapping from RS. Practical work uses GIS and image analysis software to solve spatial analysis problems and interpret RS imagery for environmental and natural resources management.

**Courses:** ED50, SC01

**Prerequisites:** 72 credit points of science units

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB510 POPULATION GENETICS

This provides an extension of NRB410 Genetics and Evolution. Topics include the genetic structure of populations and processes of evolutionary change; natural selection, inbreeding and adaptation, species and speciation theory; ecological genetics and the genetics of behaviour.

**Courses:** SC01

**Prerequisites:** NRB410

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB511 POPULATION MANAGEMENT

This unit develops the theoretical treatment of populations as a unit of study and integrates the content of previous ecology units into approaches for the management of biological populations. The unit focuses on those population/resource interactions that are relevant to conservation, harvesting and pest control.

**Courses:** SC01

**Prerequisites:** NRB311, NRB411

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB533 ADVANCED GEOLOGICAL MAPPING

A field excursion of approximately 3 weeks duration is conducted during the semester break. The excursion emphasises geological mapping skills in lithologically and structurally varied regions. Lectures and tutorials prior to the excursion review and develop mapping and geological interpretation techniques. Students are expected to cover their transport expenses to the field site, as well as accommodation and food costs during the excursion.

**Courses:** SC01

**Prerequisites:** NRB431

**Corequisites:** NRB530, NRB531

**Contact hours:** 1 per week plus 3 week field trip

**Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB534 GEOPHYSICS

This unit includes considers the remote measurements of rock properties and relates them to geological problems and tectonic regimes. The physics of various measurements of these rock properties, the acquisition of data, and the interpretation of these various data are all addressed. A significant part of the semester covers seismic reflection data. Also covered are seismic refraction, gravity, magnetics, seismology, electromagnetics, radiometrics, ground penetrating radar, and heat flow.

**Courses:** SC01

**Prerequisites:** NRB230, NRB434

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

#### ► NRB535 GEOLOGY OF FOSSIL FUELS

This unit focuses on the following: coal properties, classification, genesis, and analysis; coal

hand specimen studies and microscopy; hydrocarbon generation from coal and oil shale; coal-field geology and subsurface mapping techniques; basin analysis; coal production and economics; origin and characteristics of petroleum fluids, including generation, accumulation and migration through time and space; study of structural and stratigraphic traps, and reservoir rock characteristics; application of drilling, logging, and geophysical and correlation techniques, including seismic stratigraphy; economics of petroleum production.

**Courses:** SC01 **Prerequisites:** NRB331  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► NRB536 PETROLOGY AND GEOCHEMISTRY

Through lecture, discussion and problem solving exercises, this unit introduces the application of geochemistry, phase equilibria, and thermodynamics to demonstrate the origin and evolution of igneous and metamorphic rocks. Problem-solving exercises synthesise field, petrographic and geochemical data to develop quantitative petrogenetic models and enhance critical thinking and written communication skills. Field study is an important component of this unit.

**Courses:** SC01 **Prerequisites:** NRB436  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► NRB571 MARINE BIOLOGY

This unit gives a general overview of marine ecosystems and their importance to humankind. The unit aims to stimulate thought, and to generate ideas, by reviewing the range of approaches taken to manage, and conserve, marine resources. Emphasis is given to Australian coastal marine systems: their importance, care, and abuse. The unit involves a compulsory 3 day field trip to a local coastal ecosystem.

**Courses:** ED50  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

#### ► NRB572 TERRESTRIAL ECOSYSTEMS

This unit examines the key physical and biological processes that influence the range of terrestrial ecosystems. It examines the geological, climatic and historical processes that have shaped the evolution and ecology of Australia's terrestrial ecosystems and the ecological properties of natural and human modified systems. Content includes the significant phases in the evolution of the Australian flora and fauna, principal components and adaptations of the modern Australian flora and fauna, theories pertinent to explanations of biogeographical distributions, soil formation, structure and biology, physical processes in terrestrial systems, structure and characteristics of terrestrial ecosystems, and terrestrial ecosystem case studies.

**Courses:** ED50, SC01  
**Prerequisites:** NRB371 or NRB311  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► NRB600 SUSTAINABLE ENVIRONMENTAL MANAGEMENT

Sustainable environmental management requires a multidisciplinary approach to decision-making. This approach must be founded on scientific knowledge about the environment, but to be effective, the science must also be integrated with social, economic, political and technological policies. This unit explores contemporary environmental management issues: the science behind them, linkages between them, their cultural settings and sustainable solutions.

**Courses:** ED50, SC01  
**Prerequisites:** 48 credit points of second level units  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► NRB610 ECOLOGICAL APPLICATIONS

This unit integrates the content of other ecology units into applied approaches to the management of populations and systems. The unit employs concepts from population ecology, population management and conservation biology and builds methodologies and concepts necessary for an applied approach to conservation and pest man-

agement. A field trip provides the vehicle for developing these themes. Content includes collection, collation and preparation of biological resource material relevant to a case study, diagnostic features and identification of species of relevance, factors involved in the design of a large-scale field study, field techniques necessary for understanding species/habitat interactions, and the analysis and interpretation of large field data sets.

**Courses:** SC01  
**Prerequisites:** NRB511 or NRB510  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► NRB611 CONSERVATION BIOLOGY

Conservation Biology is the application of ecological theory and principles to the problem of the maintenance of viable populations of rare, threatened or endangered species, or ecological systems. The unit integrates ecological and genetic material covered in earlier units to provide an understanding of factors that enable the maintenance or enhancement of populations. The unit examines biodiversity and its determinants; the process of extinction; population viability analysis and the diagnosis and treatment of population declines; habitat fragmentation; metapopulation processes and the design of natural reserves; and conservation genetics.

**Courses:** SC01  
**Prerequisites:** NRB311, NRB410  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► NRB633 HYDROGEOLOGY

This unit focuses on the origin, occurrence and movement of groundwater; aquifer properties; chemistry and quality of groundwater; exploration methods for groundwater; drilling methods and equipment and well testing equipment; well hydraulics and testing, and flow calculations; assessment of groundwater problems, both supply and quality; modelling approach to groundwater assessment. Students obtain practical experience with pump tests and chemical analysis of waters, and are introduced to computer modelling. There is interaction with government and private sector hydrogeologists, and site visits.

**Courses:** SC01 **Prerequisites:** NRB232  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► NRB635 PLATE TECTONICS AND ADVANCED STRUCTURAL GEOLOGY

This unit considers geological observations in the context of a unifying theory. It examines lithospheric plates, plate geometries, Earth morphology, relative and absolute plate movements, stresses of plate interactions, types of plate boundaries, and orogenesis. The unit examines the development of the most important geologic theory of the 20th century.

**Courses:** SC01  
**Prerequisites:** NRB331, NRB432, NRB434, NRB534  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► NRB636 STRATIGRAPHY AND BASIN ANALYSIS

This unit focuses on advanced stratigraphic and basin analysis primarily utilising subsurface data. Sequence stratigraphic models for the dominant depositional systems are explored with emphasis on how they change because of temporal shifts in tectonic, eustatic and climatic parameters. Integrated lithostratigraphic, biostratigraphic, geophysical, and geochemical data sets are introduced as fundamental aspects of basin analysis.

**Courses:** SC01  
**Prerequisites:** NRB333, NRB437  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► NRB660 STUDIES IN NATURAL RESOURCE SCIENCES

Studies in Natural Resource Sciences requires a student in consultation with a project supervisor to formulate a research problem, to develop the methodology and to analyse and interpret the data in a way that results in the solution of a problem. Research problems may be field based and require the production of a detailed map,

collection of samples, observation and analysis of specified features, followed by some type of analysis of data. The type of analysis may be in the chemical laboratory, the ecology laboratory or could be computer based. The project is presented as a formal report including interpretation of data. Appropriate use of the current literature is expected. Approval of the Head of School is required.

**Courses:** SC01 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► NRB672 MARINE AND FRESHWATER ECOSYSTEMS

This unit examines the structure and function of marine and freshwater ecosystems. Aquatic ecosystems cover the majority of the planet and their management is important in terms of maintaining water quality for human utilisation, harvesting resources, and for species conservation. The unit emphasises the physical and ecological properties that are common to all aquatic systems, but also identifies those properties that are unique to particular systems. The unit addresses aquatic ecosystems, their different forms and extent; the chemical and physical properties of aquatic environments; circulation and transport processes; the structure and characteristics of the different aquatic environments; human impact and management in marine and freshwater systems.

**Courses:** ED50, SC01 **Prerequisites:** NRB311  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► NRB720-1 PROJECT

This unit includes a substantial project in the appropriate area of science undertaken in conjunction with a supervisor and through interaction with lecturing and technical staff of the School of Natural Resource Sciences. The unit provides the opportunity for students to identify and solve scientific problems logically and creatively. Students are required to relate the project research to published work in the field of study. Each project is assessed on the basis of an extensive written report and a formal seminar or scientific poster. (60 credit points achieved at completion of NRB720-1, NRB720-2, NRB720-3, NRB720-4 and NRB720-5.)

**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► NRB720-2 PROJECT

See NRB720-1 for details.  
**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► NRB720-3 PROJECT

See NRB720-1 for details.  
**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► NRB720-4 PROJECT

See NRB720-1 for details.  
**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► NRB720-5 PROJECT

See NRB720-1 for details.  
**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► NRB730-1 RESEARCH METHODS AND STRATEGIES

This is a two semester unit with its main focus to develop the research planning, abilities and skills of the student. The major assessable components are a literature review, seminars, informal presentations and discussions on subjects relevant to the research topic, and advanced skills workshops and exercises. (24 credit points achieved at completion of NRB730-1 and NRB730-2.)

**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► NRB730-2 RESEARCH METHODS AND STRATEGIES

This is a two semester unit with its main focus to develop the research planning, abilities and skills of the student. The major assessable components are a literature review, seminars, informal presentations and discussions on subjects relevant to the research topic, and advanced skills workshops and exercises. (24 credit points achieved at completion of NRB730-1 and NRB730-2.)

**Courses:** SC60 **Credit points:** 12

**Campus:** GP**Sem:** 1, 2**► NRB735 ADVANCED STUDIES IN RESOURCE SCIENCES**

This unit provides an in-depth examination of a topic or synthesis of a subject through lectures, tutorials, discussions, independent study, practicals and/or field excursion. This unit has general structure, which can be developed to the specific requirements of each section of the school. An important aim is to develop inquiring and analytical thought at an advanced level. The unit may be conducted in the first part of Semester 1, or could be conducted over two semesters.

**Courses:** SC60**Credit points:** 12**Campus:** GP**Sem:** 1, 2**► NRN100 READINGS IN NATURAL RESOURCE SCIENCES 1**

This unit includes a review of the literature in an area of direct relevance to the research project. The review should be designed in conjunction with the supervisor and should demonstrate a broad appreciation of the literature, a critical appraisal of research to date, and the relevance of the research project within the framework of current understanding. Reviews should normally be approximately 5000 words.

**Courses:** IF49, SC71, SC80**Credit points:** 12**Campus:** GP**Sem:** 1, 2**► NRN101 READINGS IN NATURAL RESOURCE SCIENCES 2**

This is a companion unit to NRN100 that allows students to (a) prepare a review of a second area relevant to the research project or (b) consider a wider subject area in greater depth. If option (b) is chosen, a single review can qualify as total assessment for both NRN100 and NRN101. In this case, the review should be approximately 10,000 words and be a critical analysis of a substantial research area.

**Courses:** IF49, SC71, SC80**Credit points:** 12**Campus:** GP**Sem:** 1, 2**► NRN102 SEMINARS IN NATURAL RESOURCE SCIENCES 1**

This unit includes a public seminar plus an extensive discussion period designed to provide positive feedback from staff and students on the proposed research project. The presentation should be designed in conjunction with the supervisor and include background to the project area, specific objectives of the proposed project, methodology to be followed, and possible outcomes. The seminar should be presented after the project outline has been developed and before any significant amount of research has been undertaken.

**Courses:** IF49, SC71, SC80**Credit points:** 12**Campus:** GP**Sem:** 1, 2**► NRN103 SEMINARS IN NATURAL RESOURCE SCIENCES 2**

This unit includes a public seminar plus an extensive discussion period designed to provide positive feedback from staff and students on the progress of the research project. The presentation should be designed in conjunction with the supervisor and include project objectives, progress to date, preliminary data, and problems for discussion. The seminar should be presented within 12 months (full-time) or 24 months (part-time) of commencement of the postgraduate program.

**Courses:** IF49, SC80**Credit points:** 12**Campus:** GP**Sem:** 1, 2**► NRN104 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES 1**

Students develop an advanced understanding of a topic in the natural resource sciences that is highly relevant to the general area of their proposed research project. The structure and content is variable and can be tailored to the specific requirement of each project and the background of the student. A formal outline of the unit including objectives, content and assessment relevant to the individual course of study will be developed by the supervisor and approved by the Head of School. Content may include active participation in tutorials, workshops, laboratory/field techniques and components of ad-

vanced level undergraduate units. Components of advanced level undergraduate units should not exceed 70% of the total assessment.

**Courses:** IF49, SC71, SC80**Credit points:** 12**Campus:** GP**Sem:** 1, 2**► NRN105 ADVANCED TOPICS IN NATURAL RESOURCE SCIENCES 2**

Material presented in this unit must be distinct from that covered in NRN104. Students develop an advanced understanding of a topic in the natural resource sciences relevant to the area of their proposed research project. A formal outline of the unit outlining objectives, content and assessment relevant to the individual course of study will be developed by the supervisor and approved by the Head of School. Content may include active participation in tutorials, workshops and laboratory/field techniques and components of advanced level undergraduate units. If components of advanced level undergraduate units are included, they should not exceed 70% of the total assessment.

**Courses:** IF49, SC71, SC80**Credit points:** 12**Campus:** GP**Sem:** 1, 2**► NSB113 VALUES, CULTURE AND DIVERSITY**

This unit introduces students to the interrelationships between philosophical principles, cultural values, health behaviours and nursing. It will encourage students to consider their own values and the way in which these may impact on their interactions with patients/clients and will present a model for developing cultural safety within their nursing practice. Examples from contemporary Australian society are drawn upon to enable students to understand health events and practices such as birth, health, illness, nutrition and communication from a range of perspectives.

**Courses:** NS40, NS45**Contact hours:** 3 per week**Credit points:** 12**Campus:** KG**Sem:** 2**► NSB117 NURSING AND THE HEALTH CARE SYSTEM**

The evolution of nursing as a discipline, contemporary roles of the nurse, the professional context of nursing practice, and caring and nursing practice are addressed in this unit. Content also includes health and wellness, the health-illness continuum, models of health and illness, and the structure and function of the Australian health care system including characteristics of Australia's health care system.

**Courses:** NS40, NS45**Contact hours:** 3 per week**Credit points:** 12**Campus:** KG**Sem:** 1**► NSB118 HEALTH ASSESSMENT AND NURSING PRACTICE**

This unit provides an introduction to critical thinking, problem solving and decision making in nursing practice; and the nursing process and nursing practice. It considers the role, purpose and scope of nursing assessment for individuals and groups; principles and methods of data collection including symptom/problem exploration; frameworks for data collection; introduction to principles and methods of data analysis; and documentation and presentation of client data.

**Courses:** NS40, NS45, HL40, HL46**Credit points:** 12**Campus:** KG**Sem:** 1, 2**► NSB122 CLINICAL PRACTICE 1**

This is the first in five clinical practice units that provide the opportunity to experience the practice of nursing in real world settings and to develop the knowledge, attitudes and skills required for safe, competent practice as a beginning level registered nurse. This unit focuses on providing basic care to patients in hospital considering promoting a safe environment for patient care; managing basic care needs of patients and assisting with activities of daily living.

**Courses:** NS40, NS45, HL40, HL46**Credit points:** 12**Campus:** KG**Sem:** 1, 2**► NSB212 CLINICAL PRACTICE 2**

This is the second in the five clinical practice units that provide the opportunity to experience the practice of nursing in real world settings and

to develop the knowledge, attitudes and skills required for safe, competent practice as a beginning level registered nurse. The main areas of content in this unit are: promoting a safe environment for client care, managing more complex patient care needs, and developing a professional approach to practice. Concepts addressed include: sterile techniques, barrier/reverse barrier nursing, principles of wound management, administration of parenteral medications; problem solving and decision making principles applied to the care of individuals with medical-surgical and mental health dysfunctions.

**Courses:** NS40, NS45, HL40, HL46**Prerequisites:** NSB122**Credit points:** 12**Campus:** KG**Sem:** 1, 2**► NSB222 CLINICAL PRACTICE 3**

This is the third in the five clinical practice units that provide the opportunity to experience the practice of nursing in real world settings. There are three main areas of content in this unit: promoting a safe environment for client care, managing complex patient care needs, and developing a professional approach to practice. Particular concepts addressed include: complex wound management, clinical nursing therapeutics related to the administration of blood and blood products, management of colorectal and urinary diversionary procedures, urinary catheterisation, ostomy management; prioritisation of patient care and time management.

**Courses:** NS40, NS45, HL40, HL46**Prerequisites:** NSB212**Credit points:** 12**Campus:** KG**Sem:** 2**► NSB223 MENTAL HEALTH NURSING**

Nurses need to be able to identify and care for people suffering from mental health problems. Topics addressed in this unit include the mental health continuum and major theoretical approaches to mental illness; understanding and nursing people across the lifespan who suffer from anxiety disorders, personality disorders, bipolar disorder, depression, schizophrenia, substance use and abuse, cognitive impairment disorders, eating disorders; the nurse's role with respect to treatment modalities and assessing mental status; and the experiences of persons living with a mental illness and families caring for someone with a mental illness.

**Courses:** NS40, NS45, HL40, HL46**Contact hours:** 3 per week for 9 weeks**Credit points:** 12**Campus:** KG**Sem:** 1, 2**► NSB224 RESEARCH APPROACHES IN NURSING**

This unit provides an introduction and overview of research in nursing. It covers the purpose of research, the relationship between research and nursing practice, the notion of nursing knowledge, the process of research, ethical issues related to research and strategies for critiquing research reports. Particular emphasis will be placed on selected methodologies that are used to research nursing practice, and quantitative and qualitative data collection and data analysis.

**Courses:** NS40, NS45**Contact hours:** 3 per week**Credit points:** 12**Campus:** KG**Sem:** 1**► NSB225 PROMOTING HEALTH ACROSS THE LIFESPAN**

This unit explores the concepts of health and wellbeing for individuals throughout the lifespan, families and communities; nursing models of health promotion; factors that influence health beliefs and behaviours, and the capacity to maintain health; principles of health teaching; working with individuals and groups to promote health; the role of the nurse in promoting health with people of all ages (children, adolescents, adults and the elderly), families across the life cycle and groups; promoting health and wellbeing for dying clients and their families.

**Courses:** NS40, NS45, HL40, HL46**Contact hours:** 3 per week**Credit points:** 12**Campus:** KG**Sem:** 2**► NSB312 FAMILY AND COMMUNITY NURSING**

Community and family nursing practice interfaces with care provided to individuals in hospi-



tal care. Families are an integral component of care in all contexts and so nurses need to focus care with individuals, the family and the community. The unit focuses on family assessment and intervention. Community assessment and intervention is also studied in the context of a Primary Health Care philosophy and health promotion framework that addresses the five action areas of the Ottawa Charter to provide an opportunity for students to develop knowledge and skills in the broadest context of health.

**Courses:** NS40

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► NSB321 PROFESSIONAL NURSING DEVELOPMENT

Highlights the explicit link between clinical practice and theoretical knowledge. Post-registration and final semester pre-registration students will be assisted to further develop skills in reflective practice and peer consultation as strategies to support a more critical approach to clinical practice. A variety of topics will be addressed through a combination of self-directed learning activities and small group discussion sessions.

**Courses:** NS40, NS45, HL40, HL46

**Prerequisites:** NSB501

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► NSB322 CLINICAL PRACTICE 4

This is the fourth in the five clinical practice units that provide the opportunity to experience the practice of nursing in real world settings and to develop the knowledge, attitudes and skills required for safe, competent practice as a beginning level registered nurse. This unit facilitates the development and application of knowledge and skills necessary for the provision of nursing care in medical/surgical health settings at an advanced level. Emphasis is placed on students' communication skills, critical thinking and decision-making skills, technical skills and professional development skills, and the assumption of increased responsibility for patient care.

**Courses:** NS40, NS45, HL40, HL46

**Prerequisites:** NSB222

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► NSB324 MEDICAL-SURGICAL NURSING 1

The unit explores nursing assessment, care planning and care evaluation necessary for the provision of sound, safe nursing care for people in hospital and home-based settings with health problems related to neurological, sensory, musculoskeletal dysfunctions, and infectious and immune related disorders. Issues addressed will include peri-operative nursing; acute and chronic pain management; the unconscious patient, post-stroke rehabilitation, and degenerative neurological conditions such as multiple sclerosis, sensory impairment and orthopaedic problems. Principles of nursing people with infectious and immune related disorders will also be covered.

**Courses:** NS40, NS45, HL40, HL46

**Prerequisites:** NSB118

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

#### ► NSB333 CLINICAL PRACTICE 5

This final clinical unit is designed to enable consolidation of knowledge and skills necessary for the provision of safe, effective patient care in preparation for a successful transition to beginning level practice as a registered nurse. The unit includes eight weeks off-campus placement. Emphasis is placed on student's proficiency in clinical practice, particularly their communication skills, critical thinking and decision making/problem solving skills, technical skills, reflective skills, care management skills and awareness of professional attributes and values.

**Courses:** NS40, NS45, HL40, HL46

**Prerequisites:** NSB322

**Contact hours:** 3 per week **Credit points:** 24  
**Campus:** KG **Sem:** 2

#### ► NSB421 INDEPENDENT STUDY

This unit provides students the opportunity to independently explore a body of literature and/or research relevant to an area of interest in nursing. The unit enables students to extend their knowl-

edge and understanding of a topic that is not specifically addressed elsewhere in the course. The emphasis, in this unit, is on the development of independent research, study and analytical skills. These skills are demonstrated first, in an assimilation of a range of materials into a clearly formulated written argument and second, in an oral presentation and discussion of the study material.

**Courses:** NS40

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► NSB423 MEDICAL-SURGICAL NURSING 2

The content of this unit will cover nursing assessment, care planning and care evaluation necessary to provide sound, safe nursing care for people in a variety of settings with acute and/or long term health concerns and issues related to the gastro-intestinal, endocrine, genito-urinary and integumentary dysfunctions. Issues addressed will include diabetes mellitus, renal failure, inflammatory bowel disorders, burns and wound management.

**Courses:** NS40, NS45, HL40, HL46

**Prerequisites:** NSB324, NSB118

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► NSB424 NURSING THERAPEUTICS

Nurses have a central role in assisting individuals, families and/or groups of people to make informed decisions about their care, supporting them through stressful and traumatic experiences and facilitating them to effectively manage health problems in order to optimise recovery, rehabilitation and/or habilitation. This unit focuses on the development of knowledge, skills and personal attributes that are fundamental to establishing and maintaining therapeutic relationships, educating clients about health care matters and counselling patients and families to promote health and well being.

**Courses:** NS40, NS45, HL46

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► NSB500 MEDICAL-SURGICAL NURSING 3

The content of this unit will address nursing assessment, care planning and care evaluation necessary to provide sound, safe nursing care for people in a variety of settings with complex acute and/or long term health concerns and issues related to cardiovascular, respiratory and oncological dysfunctions. Particular emphasis will be placed on life threatening illnesses and the provision of high dependency and palliative nursing care. Contemporary research and 'best practice' guidelines will underpin the content of this unit.

**Courses:** NS40, NS45, HL40, HL46

**Prerequisites:** NSB324, NSB423

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► NSB501 POLITICS, TECHNOLOGY AND NURSING

This unit provides an opportunity for students to develop and extend their knowledge about issues that directly inform the role of the health care practitioner. The framework of the unit is the political nature of nursing and the unit content addresses key processes and factors that are impacting on and reshaping nursing practice and health care provision. The subject areas include the changing nature of health care and nursing organisational and educational structures and rapid changes in technology. These political and technological changes require nurse practitioners to continually re-evaluate the contexts of their practice.

**Courses:** NS40, NS45, HL40, HL46

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► NSB600 INTRODUCTION TO NURSING CHILDREN AND CHILDBEARING FAMILIES

This unit provides an overview of the theoretical concepts and clinical application principles for practice in the areas in providing nursing and midwifery care for children and childbearing

families. The emphasis is upon the childbearing process and the developmental stages of childhood and family dynamics. This is viewed as a normal process of growth and development, which will be affected by social, economic, legal and cultural factors. The focus will be on the promotion and maintenance of health.

**Courses:** NS40, HL40

**Prerequisites:** All 1st and 2nd year NS40 units

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 2

#### ► NSB602 PAIN MANAGEMENT AND CONTEMPORARY NURSING PRACTICE

Making decisions about patient's pain and its management is a key component of nursing practice across a wide variety of patient groups and clinical settings. This unit examines the concept of pain and explores aspects of the nurse's role in relation to pain relief. It builds on introductory concepts that have been addressed earlier in the program through more detailed exploration of, and reflection upon selected concepts.

**Courses:** NS40, HL40 **Prerequisites:** NSB500

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 2

#### ► NSB603 INTRODUCTION TO CARDIOTHORACIC NURSING

Cardiovascular disorders are commonly encountered by nurses practicing a variety of clinical settings. This unit provides an overview of cardiathoracic nursing and encompasses theoretical concepts specific to this specialty as well as related clinical skills. It builds on introductory concepts that have been addressed earlier in the program through more detailed exploration of and reflection upon selected concepts.

**Courses:** NS40, HL40 **Prerequisites:** NSB500

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► NSB604 INTRODUCTION TO DEMENTIA AND FAMILY CARE

The growing challenges of caring for increasing numbers of older people experiencing dementia is well documented. Through a focus on Alzheimer's Disease this unit will assist you to respond to the challenges of caring for older people with dementia, and their families, in a community health context.

**Courses:** NS40, HL40

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► NSB605 NURSING IN A TECHNOLOGICAL WORLD

Technology is of extraordinary importance to nursing and is significant to understanding and practicing within contemporary health care contexts. Nurses are responsible for an increasingly technological orientated health care system dominated by administrative and bureaucratic structures. This unit is designed to establish insight into the link between technology, clinical practice and nursing knowledge, highlight the learning opportunities available in the changing workplace, and model a process of ongoing professional development. The unit seeks to relate nursing practice to knowledge development associated with technology, the experience of patients and nurses, and the development of a professional and informed understanding of technology.

**Courses:** NS40, HL40

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 2

#### ► NSN002 KEY ISSUES IN CHILD AND YOUTH HEALTH NURSING

This unit addresses contemporary issues in child and youth health, to provide the basis for further study in this field. A Primary Health Care framework will be used to consider issues that impact on the health of children and young people. In addition key policy frameworks will provide direction for study in the unit. The unit will consider the impact of social determinants on child, youth and family health and examine current strategies to address such impacts. Students will have the opportunity to examine local programs and strategies aimed at improving health outcomes.

**Courses:** NS35, NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

► **NSN003 PRINCIPLES OF PAEDIATRIC, CHILD AND YOUTH HEALTH NURSING**

Students in this unit are introduced to issues facing nursing when providing care for children and families in the acute and community service environment. The unit presents an overview of the contemporary health problems faced by the Australian child and family and explores nursing interventions that enhance adaptation and health.

**Courses:** NS35, NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

► **NSN004 ACUTE PAEDIATRIC NURSING**

This unit provides registered nurses with advanced knowledge and skills enabling them to provide safe and competent care to children experiencing acute paediatric illness. The unit focuses on employing clinical assessment, problem solving and critical thinking skills. Registered nurses will be able to demonstrate knowledge and skills in the nursing management of acute and chronic health problems within paediatric clinical practice.

**Courses:** NS35, NS64, NS85

**Prerequisites:** NSN003

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **NSN005 COMMUNITY CHILD AND YOUTH HEALTH NURSING**

This unit is designed to provide a sound basis for nursing practice in the area of community child and youth health. Students will examine contemporary issues relating to their professional role in caring for children, youth and families within the community context. The unit adopts a primary health care approach to examine the nurses' role in primary and secondary prevention, in supporting families in the community and in health education and community development.

**Courses:** NS35, NS64, NS85

**Prerequisites:** NSN003

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **NSN006 SPECIALISATION IN PAEDIATRIC, CHILD AND YOUTH HEALTH NURSING**

This unit will provide students with clinical knowledge and understanding in a selected area of paediatric or child and youth health subspecialty. The unit is based on a learning contract that will include both theoretical and clinical learning activities and assessment.

**Courses:** NS35, NS64, NS85

**Prerequisites:** NSN003, NSN002

**Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **NSN311 CLINICAL STUDIES IN MIDWIFERY A**

This unit provides the opportunity for students to develop clinical knowledge and skills in the areas of antenatal, postnatal assessment and care as well as an introduction to the assessment and care for the birthing woman. The focus in this unit is midwifery practice in the area of uncomplicated pregnancy and birth. Clinical activities and focused assessment enable the student to incorporate theoretical, conceptual and practical knowledge, attitudes and skills required to care for the childbearing woman, her infant and family.

**Courses:** NS68, NS85 **Corequisites:** NSN321

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

► **NSN321 FOUNDATIONS OF MIDWIFERY PRACTICE**

This unit provides a foundation in the theoretical concepts and clinically applied principles for practice as a midwife. Emphasis is placed on the childbearing process as a normal and non-pathological process, during which, in collaboration with the woman, family, and other health professionals, midwifery care is provided.

**Courses:** NS68, NS85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

► **NSN322 COMPLEX ISSUES FOR CHILDBEARING FAMILIES**

This unit provides students with an opportunity to develop further and expand on the theoretical knowledge and skills gained in Foundation of Midwifery Practice and Clinical Studies in Midwifery A. The unit requires application of the principles and practices acquired in the prerequisite unit. While childbearing is assumed to be a normal non-pathological process, and inherently safe, it is acknowledged that specialised practitioners must be able to recognise and act on changing events. These changes reflect complications/deviations from the normal.

**Courses:** NS68, NS85

**Prerequisites:** NSN321, NSN311

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **NSN323 CLINICAL STUDIES IN MIDWIFERY B**

This unit provides the opportunity for students to consolidate the professional knowledge and skills which they have acquired in other units. Students will be facilitated to incorporate theoretical, conceptual and practical knowledge, attitudes and skills required to care for the childbearing woman, her infant and family.

**Courses:** NS68, NS85

**Prerequisites:** NSN321, NSN311

**Corequisites:** NSN322

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **NSN506 CLINICAL PROJECT**

This unit offers students the opportunity to implement a project of clinical relevance and value to lead to the resolution of practical issues facing nursing. It advances and extends the student's learning from their clinical speciality and the supporting units.

**Courses:** NS85

**Campus:** KG, EXT **Credit points:** 24  
**Sem:** 1, 2

► **NSN507 CONTEMPORARY PRACTICE ISSUES**

This unit allow students to explore current issues and develop their understanding through application of relevant theoretical frameworks to nursing practice in selected specialty areas. Students undertaking this unit will examine social, political and economic factors that shape and have shaped nursing practice, analyse factors influencing the organisation of nursing practice, and critically apply a theoretical framework to current issues relevant to nursing practice.

**Courses:** NS64, NS85

**Campus:** KG, EXT **Credit points:** 12  
**Sem:** 1

► **NSN508 ADVANCED READINGS IN NURSING**

This unit provides the opportunity for students to access and review a body of literature relevant to an area of individual interest in nursing. This will enable students to extend their knowledge and understanding of a topic which is not specifically addressed elsewhere in the course. In addition, students will have the opportunity to develop advanced skills information retrieval, critical analysis and writing for publication.

**Courses:** NS64, NS85

**Campus:** KG, EXT **Credit points:** 12  
**Sem:** 2

► **NSN509 SPECIAL TOPIC**

NSN509 Special Topic is a unit that provides students the opportunity to explore in-depth an area of special interest in health and the professions which may be available from local or visiting scholars. Further, the unit offers students learning experiences through a range of educational strategies, for example, individual learning contracts, group learning contracts, group learning encounters and distance mode. The unit enables students to capitalise upon important learning opportunities which otherwise might not be possible.

**Courses:** NS64, NS85, HL88, PU88

**Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **NSN515 CLINICAL LEADERSHIP AND MANAGEMENT**

This unit aims to extend students' understanding of contemporary issues and trends in the devel-

opment of leadership in professional practice, strengthen their abilities to provide effective leadership and further develop skills in peer consultation and reflective practice as strategies to support a critical approach to the provision of leadership in the workplace. The unit addresses strategic thinking and planning; organisational and interpersonal communication; decision making; team building; multidisciplinary teams; managing conflict; facilitating change; and creating growth-producing work environments.

**Courses:** NS64, NS85, HL90

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **NSN516 SEXUAL REPRODUCTIVE HEALTH**

This unit will bring together current research and evidence-based practice and information as well as, a health-oriented approach to the subject of sexuality and reproduction. The purpose of this unit is to highlight the fundamental issue that even though screening programs have emerged and improved women's health, women continue to have health problems that are unique to them as women. The aim of this unit is for the student to come to the understanding that a woman's sexual health encompasses not only the medical and physical components of sexual activity but a holistic understanding of physical and mental health. These are seen as being influenced by self-esteem, values, culture and socio-economic factors as well as societal influences.

**Courses:** NS34, NS39, NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

► **NSN517 WOMEN'S HEALTH ISSUES**

This unit provides students with opportunities to develop and expand their theoretical knowledge and skills in the area of women's health, and utilises the primary health care framework in considering the major objectives for helping women achieve optimal health as documented in women's health policy. This unit aims to make primary health care professionals aware of the broader social context in which service, delivery and care take place.

**Courses:** NS36, NS64, NS85, HL88, PU88

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

► **NSN523 CLINICAL STUDIES**

This unit aims to further develop and consolidate knowledge and skills in a selected clinical specialty. This unit will enable students to develop their skills in clinical judgement, and decision making in a specialty area of practice, as well as expanding their skills in establishing and maintaining effective relationships with clients and other health professionals. Students will be encouraged to demonstrate a reflective, self-evaluative approach to practice, and develop strategies that would enable the practitioner to facilitate change with respect to their specialty area of practice.

**Courses:** NS64, NS85

**Campus:** KG, EXT **Credit points:** 12  
**Sem:** 2

► **NSN526 MENTAL HEALTH CLINICAL STUDIES**

This unit aims to develop an understanding of the core elements of mental health nursing practice in acute inpatient, rehabilitation or community settings with particular emphasis on primary prevention and early intervention approaches. The theoretical, conceptual and practical knowledge required to provide effective consumer focused nursing care for people receiving mental health care within a variety of practice contexts is explored.

**Courses:** NS64, NS85

**Credit points:** 12  
**Campus:** KG **Sem:** 1

► **NSN626 DEMENTIA AND FAMILY CARE**

This unit aims to support aged care practitioners to respond to the challenges of caring for older people with Alzheimer's disease and their families in a community health context. The central focus of this package is a CD-ROM which employs an interactive case study approach to introduce learners to a family situation where an older



relative with Alzheimer's disease is being cared for at home.

**Courses:** NS34, NS39, NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► NSN701 ADVANCED HEALTH ASSESSMENT

This unit aims to develop an advanced understanding of health assessment in nursing practice. This will be achieved by exploring the theoretical, conceptual and practical knowledge required to effectively assess the individual, family and their environment to provide nursing care within the context of specialist practice.

**Courses:** NS30, NS31, NS33, NS36, NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

#### ► NSN721 KEY ISSUES IN EMERGENCY AND INTENSIVE CARE NURSING

This clinical unit aims to develop knowledge and skills that enable nurses to understand a client's health needs, determine appropriate interventions, predict and manage complications, and develop specific plans of care for critically ill individuals and their families that are appropriate to their unique needs and personal context. This will include practice concepts; physiological, pathophysiological and psychosocial underpinnings of intensive care and emergency practice; planning of appropriate strategies/interventions for client care; and development of selected technical skills.

**Courses:** NS30, NS41, NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

#### ► NSN722 PRINCIPLES OF INTENSIVE CARE NURSING

Registered nurses working in Intensive Care require the ability to care for patients who are increasingly critically ill in an environment that evidences increasingly complex technology. Nurses working in this field require an advanced level of knowledge of evidence based principles and practices appropriate to prevent and manage these health problems, as well as skills in the implementation and evaluation of intervention strategies, in the context of a multidisciplinary team. Fundamental to competence in this area is advanced knowledge and skills in the areas of respiratory pathologies, renal replacement therapies, endocrine, liver and neurological disorders, sepsis and multi-organ failure.

**Courses:** NS30, NS64, NS85

**Prerequisites:** NSN701, NSN721

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► NSN723 SPECIALISATION IN CRITICAL CARE NURSING

This unit will provide the opportunity for students to further develop and consolidate prior learning in a critical clinical setting of their choice. Students will expand on their theoretical, professional and practical knowledge to assess patients, plan and implement nursing care in a particular critical care nursing environment. Specific areas of study may include intensive care, cardiac care and emergency care.

**Courses:** NS30, NS31, NS33, NS41, NS64, NS85

**Prerequisites:** NSN701

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► NSN724 ADVANCED NURSING PRACTICE

This unit is designed to present a foundation of theoretical and practice concepts required for registered nurses to provide effective, consumer focused nursing care within a variety of clinical contexts in a range of practice settings. The unit provides a framework from which students can develop an understanding of the impact of selected health problems on individuals, families, and communities. This will include practice concepts (philosophies, evidence based practice, competencies and continuity of care); physiological, pathophysiological and psychosocial underpinnings of advanced speciality or generalist practice; planning of appropriate strate-

gies/interventions for client care; and development of selected technical skills.

**Courses:** NS31, NS33, NS64, NS85

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

#### ► NSN725 SPECIALISATION IN MEDICAL/SURGICAL AND CANCER NURSING

This clinically based unit will provide the opportunity for students to further develop and consolidate prior learning in a clinical setting of their choice. This unit will enable students to discuss issues and trends occurring in nursing practice in a selected medical/surgical or cancer care environment, and critically analyse the advanced concepts that underpin specialist nursing practice. Students will demonstrate clinical judgement and reflective skills through the application of theoretical concepts to common health problems experienced by clients in a selected medical/surgical or cancer care environment.

**Courses:** NS30, NS31, NS33, NS64, NS85

**Prerequisites:** NSN701

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

#### ► NSN726 ADVANCED CLINICAL PRACTICE

This unit aims to develop students' understanding of the theory, process and practice of advanced nursing in a designated practice context, to enable them to effectively prevent and manage common health problems experienced by individuals and families in a range of locations within their field. Content which relates to a broad range of clinical nursing practice will be addressed. This includes: physiological, pathophysiological and psychosocial underpinnings of advanced nursing practice across a broad range of body systems and health problems; planning of appropriate strategies/interventions for client care; and development of related technical skills.

**Courses:** NS31, NS33, NS34, NS64, NS85

**Credit points:** 12 **Incompatible with:** NSN722

**Campus:** KG, EXT

**Sem:** 2

#### ► NSN801 HEALTH ASSESSMENT IN AGED CARE

This unit provides aged care practitioners with learning opportunities to develop and expand their understanding of the health care assessment of older adults. Participants will be offered learning opportunities aimed at developing a strong theoretical foundation on which to assess the health care needs of older people. Theoretical knowledge of biophysical and psychosocial aspects of ageing will be applied to the assessment of client situations in order to develop a competent approach to aged care health assessment. The course has been specifically designed to complement health assessment tools which meet workplace needs in a variety of practice contexts - community and residential aged care.

**Courses:** NS39, NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

#### ► NSN821 KEY ISSUES IN AGED CARE

This unit uses a primary health care approach to examine issues related to the pursuit of healthy ageing. The goal of this unit is to emphasise how individuals, communities, and policy makers can work together to provide appropriate and reliable sources of support for older people in society. Identifying specific incidents and exemplars this unit also highlights the significance of flexible health/aged care policy and community based programs and services.

**Courses:** NS39, NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

#### ► NSN822 PRINCIPLES OF AGED CARE PRACTICE

This unit critically examines aspects of pathological ageing with consideration of the wider social and policy implications of these morbidities. This unit examines a range of pathologies and associated practice interventions in caring for older people experiencing ill-health. Particular emphasis will be placed upon examining the following common pathologies; rheumatoid/osteoarthritis; fracture; chronic obstruction airways disease; congestive cardiac failure; confu-

sion; delirium; depression; dementia and Alzheimer's Disease. The number of practice interventions associated with pathological ageing will be examined. Death and dying is examined with particular focus upon palliative care, advanced directives, resuscitation and euthanasia.

**Courses:** NS39, NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

#### ► NSN825 THESIS (PART-TIME)

This unit provides the student with the opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course. The thesis represents an independent piece of research in the student's specific areas of interest, and is completed under guidance of a supervisor.

**Courses:** NS85

**Credit points:** 48

**Campus:** KG, EXT

**Sem:** 1, 2

#### ► NSN850 THESIS (FULL-TIME)

This unit provides the student with the opportunity to formally extend and synthesise knowledge gained in earlier semesters of the course. The thesis represents an independent piece of research in the student's specific area of interest, and is completed under the guidance of a supervisor.

**Courses:** NS85

**Credit points:** 48

**Campus:** KG, EXT

**Sem:** 1, 2

#### ► NSN901 MENTAL HEALTH ASSESSMENT

This unit covers the principles of mental status examination, psychological testing and social assessment. It also considers the implications of various observational methods and diagnostic interviewing techniques on clinical judgement. On completion of the unit, students should be able to competently administer a set of systematic assessment procedures designed to detect a client's particular problem area(s) of psychosocial functioning; record and interpret assessment data in the standard form of a written appraisal; and comprehend the role of theory in test selection and resultant analysis and recommendations.

**Courses:** NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► NSN921 MENTAL DISORDERS: THEORIES AND ISSUES

This unit complements Mental Health Assessment by providing students with the opportunity to apply assessment skills in an acute mental health nursing practice environment. The unit consist of two components - one theoretical and one clinical. The theoretical component concentrates on two major clinical treatment modalities in the management of mental illness, namely psychopharmacology and therapeutic intervention strategies based on process theory. The traditional medical model will be utilised as a means of explaining abnormal or major maladaptive behaviour patterns. The clinical component will take place at an acute in-patient facility which has a primary focus on mental health.

**Courses:** NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► NSN922 MODELS FOR MENTAL HEALTH CLINICAL PRACTICE

The mainstream of mental health services and provision of community based programs by multidisciplinary mental health teams continues to increase in Australia. An important aim of this unit therefore is to encourage students to understand the political, social and economic changes that are occurring in the delivery of mental health nursing care. Additionally, such expansion of community mental health services demands that nurses develop new and different skills for working with the mentally ill, their carers or family. Critical among these skills is the ability to assist in the development of consumer and carer centred services and outcomes.

**Courses:** NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► NSN928 COUNSELLING IN MENTAL HEALTH NURSING

This unit is designed for nurses seeking to develop further knowledge and skills in counsel-

ling. It will build upon the existing knowledge and skills which each participant brings. The unit is intended to be practical. The focus will be on integrating new knowledge into existing abilities and providing participants with an opportunity to increase their knowledge of the theoretical bases of a variety of counselling approaches.

**Courses:** NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► NSN929 PSYCHOSOCIAL REHABILITATION

This unit is designed to provide an in depth analysis of current practices in the rehabilitation of people with serious mental health problems. It enables students to examine and utilise functional assessments and develop individual service plans. A major emphasis will be placed on the role of nurses as case managers and the importance of this for the adaptation of clients in the community.

**Courses:** NS64, NS85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB250 OPTOMETRY 2

This subject covers the fundamental areas of ophthalmic optics, and optometry within the context of health care in Australia. It provides a basic understanding of the concepts of ophthalmic optics together with professional development, ethical responsibilities and the role of optometry.

**Courses:** OP42

**Prerequisites:** MAB140 **Corequisites:** PCB240

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► OPB350 OPTOMETRY 3

Ophthalmic optics is continued with the study of neutralisation, spectacle lens design and prescribing parameters of lenses and frames. The theory and practice of keratometry, optometers, ophthalmoscopy and retinoscopy are also studied.

**Courses:** OP42

**Prerequisites:** PCB240, OPB250

**Corequisites:** PCB340, OPB351

**Contact hours:** 6 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB351 VISUAL SCIENCE 3

This unit includes a study of the basic visual sciences that underpins the practice of optometry. It covers the optics of the eye, including its basic design, dimensions and retinal quality as well as the psychophysical principles of vision.

**Courses:** OP42

**Prerequisites:** LSB250, PCB240,

**Corequisites:** PCB340, OPB350, OPB352,

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB352 OCULAR ANATOMY AND PHYSIOLOGY 3

The unit provides information on the ocular anatomy and physiology that underlies the functional measurements made in optometry and their interpretation. It includes the structure and function of the anterior eye and orbit.

**Courses:** OP42

**Prerequisites:** LSB250, LSB275

**Corequisites:** OPB351

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB450 OPTOMETRY 4

This is a continuation of studies in OPB350, and introduces the theory and practice of clinical techniques used in the examination of the patient and assessing visual functions. The subject is also the initial introduction to the care of patients in the Optometry Clinic.

**Courses:** OP42

**Prerequisites:** OPB350, OPB351, OPB352

**Corequisites:** OPB451, OPB452

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► OPB451 VISUAL SCIENCE 4

This subject continues studies from OPB351, and provides students with an understanding of spatial, temporal, colour and binocular vision, and their influence on visual performance.

**Courses:** OP42

**Prerequisites:** OPB351, OPB352, OPB350,

**Corequisites:** OPB450, OPB452

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► OPB452 OCULAR ANATOMY AND PHYSIOLOGY 4

This is a continuation of OPB352. The unit covers the posterior eye, orbit, neural pathways, eye movements, neurophysiology of vision and an introduction to electrophysiological techniques.

**Courses:** OP42

**Prerequisites:** OPB352, OPB351, OPB350

**Corequisites:** OPB451, OPB450

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► OPB550 DISEASES OF THE EYE 5

This unit provides students with a knowledge and understanding of relevant general diseases and those that affect the eye. It includes general disease principles and processes, referral procedures, genetics, congenital, dystrophic and degenerative eye disease, and the ocular manifestation of general disease.

**Courses:** OP42

**Prerequisites:** OPB450, OPB451, OPB452,

LSB492

**Corequisites:** OPB551, OPB552, OPB553

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB551 OPTOMETRY 5

The student gains an understanding of the theory and practice of essential clinical techniques required to examine patients' eyes and assess visual function. The subject contains vision measurement, objective and subjective refraction, accommodation anomalies and the development and management of refractive errors and binocular vision disorders.

**Courses:** OP42

**Prerequisites:** OPB450, OPB451, OPB452

**Corequisites:** OPB550, OPB552, OPB553

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB552 ADVANCED OPTOMETRY 5

This unit introduces the student to the theory and practice of advanced clinical techniques of vision assessment. It integrates these with the basic methods learned in OPB350, OPB450 and OPB551 and gives the student a thorough knowledge of all aspects of routine patient management. The unit covers areas such as visual fields, colour vision, gonioscopy, indirect ophthalmoscopy and geriatric optometry.

**Courses:** OP42

**Prerequisites:** OPB450, OPB451, OPB452

**Corequisites:** OPB550, OPB551, OPB553

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB553 CLINICAL PRACTICE 5

Clinical Practice 5 provides the vehicle for the application of examination techniques learned in previous and concurrent units. Emphasis is placed on communicating with patients, the fabrication of spectacles, basic contact lens practice and the development of appropriate clinical routines in eye examination.

**Courses:** OP42

**Prerequisites:** OPB450, OPB451, OPB452

**Corequisites:** OPB550, OPB551, OPB552

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB650 DISEASES OF THE EYE 6

This is a continuation of OPB550 and covers the ocular manifestations of general disease, neuro-ophthalmology, glaucoma, inflammations and infections, tumours and trauma.

**Courses:** OP42

**Prerequisites:** OPB550, OPB551, OPB552,

OPB553

**Corequisites:** OPB651, OPB652, OPB653

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► OPB651 CONTACT LENS STUDIES

Contact lens design and fitting form the basis of this subject. Both soft and rigid contact lenses are covered together with lens materials, designs, manufacture, fitting assessments and appropriate clinical techniques. The subject also focuses on

corneal physiology, patient management and advanced contact lens fitting.

**Courses:** OP42

**Prerequisites:** OPB550, OPB551, OPB552, OPB553

**Corequisites:** OPB650, OPB652, OPB653

**Contact hours:** 6 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► OPB652 PHARMACOLOGY

This subject covers both general and ocular pharmacology. It includes pharmacokinetic and pharmacodynamic principles, the mechanisms of action and therapeutic applications of drugs used in the treatment of general and ocular disease, and drugs used to assist in the diagnosis of ocular conditions.

**Courses:** OP42

**Prerequisites:** OPB550, OPB551, OPB552, OPB553

**Corequisites:** OPB650, OPB651, OPB653

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► OPB653 CLINICAL PRACTICE 6

The subject is a continuation of OPB553, and enables students to apply eye examination techniques in a clinical setting. There is an emphasis on advanced communication skills, patient management, and clinical decision-making.

**Courses:** OP42

**Prerequisites:** OPB550, OPB551, OPB552, OPB553

**Corequisites:** OPB650, OPB651, OPB652

**Contact hours:** 6 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► OPB750 TOPICS IN OPTOMETRY 7

Students are required to choose a research topic, conduct a literature search on this topic, develop experimental hypothesis, and plan and undertake a research project. Students give oral presentations of their own research project. Presentations on advanced clinical care and decision making skills include lecture and tutorial presentations and case summaries.

**Courses:** OP42

**Prerequisites:** OPB650, OPB651, OPB652, OPB653

**Corequisites:** OPB751, OPB752, OPB753

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB751 ADVANCED OPTOMETRY 7

This unit provides students with a thorough knowledge of more specialised areas of patient management such as in low vision and paediatric patients.

**Courses:** OP42

**Prerequisites:** OPB650, OPB651, OPB652, OPB653

**Corequisites:** OPB750, OPB752, OPB753

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB752 CLINICAL PRACTICE 7

This unit enables students to apply knowledge and skills gained in third year to patients presenting for eye examinations, and to make decisions in effective patient management

**Courses:** OP42

**Prerequisites:** OPB650, OPB651, OPB652, OPB653

**Corequisites:** OPB750, OPB751, OPB753

**Contact hours:** 8 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB753 SPECIALIST CLINICAL PRACTICE 7

This unit enables students to apply specialist clinical knowledge in the management of patients requiring contact lenses, vision training and low vision care.

**Courses:** OP42

**Prerequisites:** OPB650, OPB651, OPB652, OPB653

**Corequisites:** OPB750, OPB751, OPB752

**Contact hours:** 8 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► OPB850 TOPICS IN OPTOMETRY 8

Students are required to analyse the results of their chosen research project and write a full report in manuscript form. Oral presentations of the project are given to their peers. Presentations

on advanced clinical care and decision making skills include lecture and tutorial presentations and case summaries.

**Courses:** OP42

**Prerequisites:** OPB650, OPB651, OPB652, OPB653

**Corequisites:** OPB751, OPB752, OPB753

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

### ► OPB851 ADVANCED OPTOMETRY 8

This unit includes optometry's role in health care; professional and ethical behaviour; relevant state and federal Acts; professional associations; types of practice; optometric practice and the law. The unit introduces the basic concepts of eye safety and visual ergonomics

**Courses:** OP42

**Prerequisites:** OPB750, OPB751, OPB752, OPB753

**Corequisites:** OPB850, OPB852, OPB853

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

### ► OPB852 CLINICAL PRACTICE 8

This unit enables students to consolidate skills developed in OPB752, to increase their knowledge base and achieve surety with decision making involving the management of patients' eye and vision problems.

**Courses:** OP42

**Prerequisites:** OPB750, OPB751, OPB752, OPB753

**Corequisites:** OPB850, OPB851, OPB853

**Contact hours:** 8 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

### ► OPB853 SPECIALIST CLINICAL PRACTICE 8

This unit consolidates skills developed in OPB753 in specialised clinical areas of contact lenses, low vision and paediatric optometry.

**Courses:** OP42

**Prerequisites:** OPB750, OPB751, OPB752, OPB753

**Corequisites:** OPB850, OPB851, OPB852

**Contact hours:** 8 per week **Credit points:** 12

**Campus:** KG **Sem:** 2

### ► OPP001 OCULAR THERAPEUTICS 1

The aim of this unit is to provide optometrists with a sound knowledge of bio-medical sciences as they relate to ocular disorders and to enable them to therapeutically manage certain eye diseases. This unit covers the following: general pathology and immunology with reference to ocular tissues; microbiology with reference to organisms involved in ophthalmic diseases; pharmacology and pharmacodynamics including interaction of drugs with the body; disorders of the anterior eye, glaucoma, iritis and uveitis; management of cataract; post-surgical management; legal requirements for therapeutic drug use; workshops on skills related to the management of disease.

**Courses:** OP43

**Credit points:** 12 **Sem:** 2

### ► OPP002 OCULAR THERAPEUTICS 2

This unit enables optometrists to develop an understanding of the properties of ocular therapeutic drugs and their applications in clinical practice, and to develop experience with the clinical management of certain eye diseases. The following topics are covered: examination and diagnosis of anterior eye conditions (including acute red eye), glaucoma, iritis and uveitis, and cataract; development of management strategies including establishing appropriate treatment plans and evaluating the need for referral for specialist treatment; management of post-surgical conditions.

**Courses:** OP43

**Credit points:** 12

**Campus:** KG **Sem:** 1

### ► PCB007 PATIENT CARE IN PROFESSIONAL PRACTICE

This is an introductory subject emphasising the appropriate response to the health care needs of patients and the ethical, legal and clinical accountability of the medical radiation technologist for patient care. It includes resuscitation techniques, client-professional communication, and interpersonal behaviour and skills.

**Courses:** PH38

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

### ► PCB101 PHYSICAL SCIENCE

This unit introduces students to some of the basic concepts in the Physical Sciences by integrating core topics into a number of occupational scenarios. Topics include the following: matter; atomic and molecular structure; chemical reactions and equations; acids, bases, pH; oxidation and reduction; carbon chemistry; organic compounds; chemistry of biological processes; polymers, biomaterials; gases and gas laws; mechanics and motion; forces; momentum and collisions; mechanical energy; conservation laws; thermometry; thermal energy, energy transfer.

**Courses:** ED90, IF29, IF39, IF61, IX02, IX14, SC01, SC20

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** CA, GP **Sem:** 1, 2

### ► PCB107 PHYSICS AND QUANTITATIVE TECHNIQUES

This unit includes the following: data and error analysis; geometrical optics (reflection, refraction, dispersion, image formation, optical instruments, photometry); circuit theory and electronics (DC circuits, AC circuits, semiconductors, rectifiers and transistors, digital electronics); waves and acoustics (properties of waves, interference and diffraction of waves, sound waves, measurements of sound).

**Courses:** IF29, IF39, IF61, PH38, SC01

**Contact hours:** 4.5 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

### ► PCB136 ENGINEERING PHYSICS 1C

This introductory unit covers the following: dynamics (Motion in 1D, vectors, Newton's Laws, motion in 2D, including circular motion, uniform circular motion, work, energy and power potential energy and conservation of energy, linear momentum and collisions); waves (oscillatory motion, wave motion, sound waves, superposition and standing waves); geometrical optics (reflection, refraction, dispersion, Huygens' principle, image formation by mirrors and lenses, optical instruments); physical optics (interference of light, diffraction); thermal physics (temperature, thermometry, thermal expansion, heat and thermal energy, heat capacity and specific heat, latent heat, heat transfer).

**Courses:** CE44, EE41, EE42, EE46, EE48, IF21, IF28, ME40, ME41, ME42, ME48

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 1, 2

### ► PCB140 INTRODUCTORY CHEMISTRY

This unit includes the following: matter and its classification; atomic and molecular composition of matter; structure of atoms and molecules and use of the Periodic Table to predict the behaviour of matter; chemical bonds and the nature of molecules; chemical composition; chemical reactions; chemical equations and chemical calculations; representative chemistry of the main group elements, and specifically of carbon; solution chemistry, acids bases, pH and chemical calculations using solutions; equilibrium chemical reactions; oxidation reduction and electrochemistry; gaseous state of matter and gas laws.

**Courses:** HH04, IF29, IF39, IF61, IX02, SC01

**Contact hours:** 5 per week **Credit points:** 12

**Incompatible with:** PCB142

**Campus:** CA, GP **Sem:** 1, 2

### ► PCB141 CHEMISTRY FOR CLINICAL HEALTH PROFESSIONALS

This unit includes three sections. General chemistry includes the periodic table, chemical bonding, chemical reactions and stoichiometry. Physical chemistry includes chemical equilibrium, acids and bases, rates of reactions, energy and reactions, redox reactions, electrochemistry. Organic chemistry includes introductory organic chemistry, organic functional group chemistry, stereochemistry of organic compounds, heterocyclic chemistry, biologically important organic compounds.

**Courses:** HL43, OP42

**Contact hours:** 6 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

### ► PCB142 CHEMISTRY 1

This unit includes inorganic and general chemistry: nature of matter, chemical reactions and chemical equations, reactions in solution, acids bases and redox reactions, atomic and molecular structure, periodic table and periodicity, atomic electron configurations, chemical bonds and theories of chemical bonding. It also includes physical chemistry: states of matter, gases, chemical equilibrium, equilibria in electrolyte solutions, acids and bases, buffer solutions, colligative properties, colloids, introductory electrochemistry.

**Courses:** ED90, HL42, HM45, IF29, IF39, IF61, IF86, IX02, LS37, LS50, PU40, SC01, SC20, SC40

**Contact hours:** 5 per week **Credit points:** 12

**Incompatible with:** PCB140

**Campus:** GP **Sem:** 1, 2

### ► PCB150 PHYSICS 1H

This unit introduces basic physical measurements, mechanics, heat, waves, acoustics and optics, and the instrumentation used to measure physical parameters.

**Courses:** ED90, IX02, LS37, SC01, SC40

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 1, 2

### ► PCB172 PHYSICS FOR SURVEYORS

This unit includes the following: measurement and uncertainty kinematics (vector and scalar quantities, equations of motion); dynamics (friction, centripetal force, the hoist, impulse and momentum, periodic motion, work and energy); gravity (circular motion, centripetal force, gravity, Kepler's Laws, orbits); fluid statics (pressure, barometry); fluid dynamics (fluid flow in pipes and channels, equation of continuity, Bernoulli's principle, viscous flow and Poiseuille's equation); optical instruments (reflection, refraction, total internal reflection, spherical mirrors, thin lenses, transits, theodolites, corner cubes, cameras); electric and magnetic fields; electrical circuits; electronic components.

**Courses:** PS47, PS48

**Contact hours:** 4 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

### ► PCB178 PRINCIPLES OF MEDICAL RADIATIONS

This unit provides an overview of the physical principles of the various medical imaging modalities and techniques and includes an overview of techniques used in the diagnosis and treatment of cancer.

**Courses:** PH38

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 1

### ► PCB200 CHEMICAL TECHNOLOGY 1

This unit includes the following: the role of chemical technologist in industry; fundamentals of chemical technology; mass balances; energy balances; environmental chemistry; corrosion; industrial pollution obligations and monitoring; generic issues eg quality assurance, industrial health and safety.

**Courses:** SC01, SC51

**Prerequisites:** PCB142 **Corequisites:** PCB142

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

### ► PCB240 OPTICS 1

This unit includes a study of selected topics in optics particularly related to aspects of optometry. Topics include geometrical optics in mirrors and lenses, including thick lenses, cylindrical, spherical and toric lenses, colour and colour measurement, photometry, lens aberrations and optical instruments.

**Courses:** OP42

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP **Sem:** 2

### ► PCB242 CHEMISTRY 2

This unit includes the following: introductory organic chemistry; organic functional group chemistry; stereochemistry of organic compounds; biologically important organic compounds; heterocyclic chemistry; biologically important inorganic compounds; calorimetry, the underlying principle; speed control of chemical and biochemical processes.

**Courses:** ED90, HL42, HM45, IF29, IF39, IF61, IF86, IX02, LS37, LS50, PU40, PU43, SC01, SC20, SC51

**Prerequisites:** PCB140, PCB142

**Corequisites:** PCB142

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** CA, GP **Sem:** 1, 2

#### ► PCB250 PHYSICS 1

This unit introduces concepts of fields and potentials. General techniques such as the description of physical systems by differential equations and their solutions are also covered. Specific topic areas to be covered include calculus based kinematics and dynamics in one and two dimensions; accelerated frames of reference; second order systems and the forced-damped-harmonic oscillator; gravitational and electromagnetic fields; Newton's law of gravity; Coulomb's law; potentials, static fields, point and distributed sources; Gauss's law; capacitors; Biot-Savart law and Ampere's law; electromagnetic induction and Faraday's law; Lenz's law.

**Courses:** ED90, IF29, IF39, IF86, IX02, IX14, SC01, SC20

**Prerequisites:** PCB101 or PCB107

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB260 PHYSICS 1A

This unit includes physical optics including interference, interferometry, Fraunhofer diffraction, Fourier methods, lasers and holograms. It also includes Atomic Physics including introductory quantum physics, spectra and the Bohr theory and introduces Special Relativity including time dilation and length contraction, Lorentz transformations, Minkowski diagrams and relativistic mass, momentum and energy.

**Courses:** IF29, IF39, IF61, IX14, SC01, SC20

**Prerequisites:** PCB101 or PCB107, MAB100

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB272 RADIATION PHYSICS 1

This unit includes the following: atomic structure, radioactivity, interaction of x-rays with matter; radiation dosimetry; thermal physics, temperature, heat, thermal expansion; electric and magnetic fields, motion of charged particles; X-rays - properties and nature; X-ray tube construction and design; diagnostic and therapy tubes; high voltage generation, transformers, rectifiers, linear accelerators; ratings of X-ray tube, tube failure.

**Courses:** PH38

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB276 GENERAL RADIOGRAPHY 1

This unit includes a program of lectures relating to radiography of the skeletal system, from preparation of the room and patient through to assessment of the final image.

**Courses:** PH38

**Prerequisites:** LSB145, PCB178

**Corequisites:** LSB245, PCB277

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB277 RADIOGRAPHIC PRACTICE 1

This unit includes a program of practical sessions relating to radiography of the skeletal system allowing the development of skills in patient positioning and image production. It includes a study of the processes involved in the production of a visible image in radiography.

**Courses:** PH38

**Corequisites:** PCB276

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB286 TREATMENT PLANNING 1

This unit introduces the techniques of radiotherapy treatment planning including patient data acquisition and radiation dosimetry.

**Courses:** PH38

**Prerequisites:** LSB145, PCB178

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB287 MEGAVOLTAGE THERAPY 1

This unit introduces the basic techniques of radiotherapy treatment delivery including beam direction and beam defining devices. Practical work is completed in hospital departments.

**Courses:** PH38

**Prerequisites:** LSB145, PCB178

**Corequisites:** PCB286

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB305 PRINCIPLES OF PHYSICAL CHEMISTRY

This unit offers a program in physical chemistry based upon interactive learning and problem solving. Topics in modern physical chemistry including principles of energetics, kinetics, phase and colloid chemistry and macromolecules form the basis of this unit. The theoretical framework is strongly supported by an experimental program with an emphasis on accuracy, precision and error estimation.

**Courses:** ED90, IF29, IF39, IF61, IX02, SC01, SC20, SC51

**Prerequisites:** PCB142

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB314 CONCEPTS IN ANALYTICAL CHEMISTRY

This unit includes the following: classical analytical chemistry including titrimetric analysis (neutralimetry, precipitometry, compleximetry and redoximetry); gravimetric analysis; sample preparation; specialist reagents for analytical chemistry usage; EDTA, redox indicators etc; instrumental analytical chemistry; UV-visible spectrophotometry; electroanalytical methods (including voltammetry, potentiometry and electrogravimetry); complementary practical program and data handling.

**Courses:** IF39, IF71, IF86, SC01

**Prerequisites:** PCB142

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB340 OPTICS 3

This unit includes the application of geometrical optics to selected aspects of optometry including lens form and thickness, contact lenses, spectacle lens design and spherical surfaces; the wave nature of light with emphasis on interference, interferometry, diffraction and polarisation; the specialised topics of optical processing, lasers and the evaluation of optical systems.

**Courses:** OP42

**Prerequisites:** PCB240

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB354 STRUCTURE AND MECHANISM IN ORGANIC CHEMISTRY

This unit includes the following: organic stereochemistry (conformation of cyclic compounds, chirality, absolute configuration, racemic and meso compounds); the importance of structure and stereochemistry in natural products such as terpenes, steroids and sugars; carbohydrate chemistry (monosaccharides, disaccharides and polysaccharides); applications in selected research areas of drugs, polymers and enzymes; reaction mechanisms (acid/base theory, polarity, induction effects); addition reactions; nucleophilic substitution and addition, electrophilic additions; application to organic synthesis.

**Courses:** ED90, IF29, IF39, IF61, IX02, SC01, SC51

**Prerequisites:** PCB242

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB361 AC THEORY AND ELECTRONICS

Emphasis in this unit is on the application of theory to practical tasks. Laboratory work consists of introductory exercises followed by a series of topics to be investigated within the available laboratory times. Specific topics are to be covered: steady state and transient AC passive-circuit analysis; power in AC circuits; applications of semiconductor devices; amplifiers and feedback theory; operational amplifiers (ideal and non-ideal properties); oscillators; introductory digital electronics (gates, flip-flops and counters, active-circuit analysis, active and passive filters).

**Courses:** ED90, IF29, IF39, IF61, SC01, SC20

**Prerequisites:** MAB111 or MAB131, PCB250

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB362 PHYSICS 2

This unit integrates and enhances the knowledge gained in earlier units with applications to more interesting and complex systems. Part A includes classical mechanics, rotating systems, Lagrange's equations and Hamiltonian operators, precession. Part B includes radiation physics, nuclear disintegration, equilibrium, interaction of radiation with matter, nuclear detectors. Part C includes electromagnetism, electric fields, Gauss' law, dielectrics.

**Courses:** IF29, IF39, IF61, SC01, SC20

**Prerequisites:** PCB250, MAB132 or MAB112

**Corequisites:** MAB134

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB375-1 RADIOGRAPHIC EQUIPMENT

This unit includes a discussion of design considerations of specialist radiographic imaging equipment for fluoroscopy, mammography, tomography and mobile radiography. (12 credit points achieved at completion of PCB375-1 and PCB375-2.)

**Courses:** PH38

**Prerequisites:** PCB272

**Contact hours:** 2 per week **Credit points:** 6  
**Campus:** GP **Sem:** 1

#### ► PCB375-2 RADIOGRAPHIC EQUIPMENT

This unit includes an introduction to computer hardware, binary numbers and the digital image, a study of the equipment used in digital fluoroscopy and computed radiography, and image quality and evaluation. (12 credit points achieved at completion of PCB375-1 and PCB375-2.)

**Courses:** PH38

**Prerequisites:** PCB375-1

**Contact hours:** 2 per week **Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► PCB377 GENERAL RADIOGRAPHY 2

This unit offers an extension of topics introduced in PCB276 to include more techniques of skeletal radiography, ward and operating theatre radiography, and examinations using contrast media. A program of practical sessions in skeletal imaging is included.

**Courses:** PH38

**Prerequisites:** LSB245, PCB276, PCB277

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB379 CLINICAL RADIOGRAPHY 1

This unit offers clinical experiences in radiographic examinations introduced in PCB276 and PCB377. Experience is obtained in approved clinical departments.

**Courses:** PH38

**Prerequisites:** LSB245, PCB276, PCB277

**Corequisites:** PCB377

**Contact hours:** 160 over 4 weeks

**Credit points:** 6

**Campus:** GP **Sem:** 1

#### ► PCB389 CLINICAL RADIOTHERAPY 1

This unit offers clinical experience in radiotherapy related to topics introduced in PCB287 and PCB286. The programs are carried out in approved clinical departments.

**Courses:** PH38

**Prerequisites:** LSB245, PCB286, PCB287

**Contact hours:** 200 over 5 weeks

**Credit points:** 6

**Campus:** GP **Sem:** 1

#### ► PCB396-1 RADIOTHERAPY PLANNING AND PHYSICS

This unit offers an extension of the study of treatment planning introduced in PCB286 to the planning of complex techniques of photon therapy and electron therapy. (12 credit points achieved at completion of PCB396-1 and PCB396-2.)

**Courses:** PH38

**Prerequisites:** LSB245, PCB286, PCB287

**Contact hours:** 5 per week **Credit points:** 6

**Campus:** GP **Sem:** 1

#### ► PCB396-2 RADIOTHERAPY PLANNING AND PHYSICS

This unit includes a study of the measurement and dosimetry of external beam radiotherapy

including practical sessions. It includes an introduction to the capabilities of computer hardware and software. (12 credit points achieved at completion of PCB396-1 and PCB396-2.)

**Courses:** PH38 **Prerequisites:** PCB396-1  
**Contact hours:** 4 per week **Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► PCB397 MEGAVOLTAGE THERAPY 2

This unit includes the principles and applications of megavoltage therapy including techniques for specific sites. Practical exercises are performed in clinical departments.

**Courses:** PH38  
**Prerequisites:** LSB245, PCB178, PCB287  
**Corequisites:** LSB345

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB414 INDUSTRIAL AND ENVIRONMENTAL ANALYTICAL CHEMISTRY

This unit includes the following: introduction to quality assurance in an analytical chemistry laboratory; international QA standards; analytical methods and method accreditation; sample traceability; calibration, validation and standards; sampling; instrumental techniques (including UV-visible spectrophotometry, fluorimetry, infrared spectroscopy (FT-IR), atomic spectroscopy); chromatography (GC and HPLC). Special Notes: Available both semesters, but for PU40 Semester 1 is preferred.

**Courses:** ED90, IF29, IF39, IX02, IX14, SC01, SC51

**Prerequisites:** PCB142  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► PCB434 INORGANIC CHEMISTRY

This unit includes the following: coordination chemistry; structure and bonding of metal complexes including crystal field and valence bond theories; spectroscopic terms and electronic transitions; solution chemistry and complex equilibria; redox reactions, Pourbaix diagrams; HSAB theory; reaction mechanisms of coordination compounds; chemistry of selected non-metals, lanthanides, actinides and precious metals, their extraction from ores and refining.

**Courses:** IF29, IF39, IF61, SC01, SC51  
**Prerequisites:** PCB142  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB444 SPECTROSCOPY

This unit includes the following: theory of spectroscopy; width and intensity of spectral lines; instrumentation; rotational spectroscopy; vibrational spectroscopy; vibrational-rotational spectroscopy; electronic spectroscopy; electronic excited states; symmetry and spectroscopy; application of infrared spectroscopy to organic compounds (fundamental absorption bands, structural influences); functional group analysis; nuclear magnetic resonance, theoretical concepts; classification of nuclei; modern instrumentation; the shielding constant; <sup>13</sup>C spectra - symmetry; <sup>1</sup>H spectra; integrals, chemical shifts, tabulated data; Shoolery's rules; analysis of 1st order spectra; deducing connectivity relationships.

**Courses:** IF29, IF39, IF61, IX14, SC01, SC51  
**Prerequisites:** PCB142, PCB354  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB445 NANOTECHNOLOGY AND NANOSCIENCE

Following an introductory discussion of the limits of conventional lithography for miniature device construction, this unit investigates alternative approaches towards the construction of nanometer-scale devices, their tremendous power and their potential applications. Techniques used to guide molecular level engineering and self-assemble molecular components into nanotechnology are emphasised.

**Courses:** SC01  
**Prerequisites:** PCB142 or PCB260 or PCB136  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB460 INSTRUMENTATION AND COMPUTATIONAL METHODS

This unit includes a lecture/tutorial program plus an integrated practical component. The topics include transducers, signal conditioning, sources of noise, guarding and shielding, analogue to digital and digital to analogue conversion, computer interfacing, data acquisition, sampling theorem, signal averaging, application of Fourier transforms, signal processing - digital filters, statistics of physical measurements, significance testing, least squares methods, interfacing micro-controllers to analogue circuits.

**Courses:** IF29, IF39, IX14, SC01, SC20  
**Prerequisites:** PCB361  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB462 THERMODYNAMICS AND SOLID STATE PHYSICS

This unit includes two of the main themes in physics. Part A includes thermodynamic equilibrium and zeroth, first and second laws of thermodynamics, equipartition principle and heat capacities, entropy, concept of irreversibility, and Carnot cycle. Part B includes solid state physics, crystal and lattice structures, reciprocal lattice, x-ray diffraction, Brillouin zones, amorphous materials, lattice dynamics, acoustical and optical phonons, thermal properties of solids, acoustic waves in solids and crystals. Part C includes Debye theory, statistical physics, microscopic and quantum approach to entropy, Maxwell relations, Maxwell-Boltzmann and Fermi-Dirac distributions, Fermi energy and Fermi surface, Bose-Einstein distribution function, Black body radiation.

**Courses:** IF29, IF39, IX14, SC01, SC20  
**Prerequisites:** PCB250, MAB134 or MAB311  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB469 ASTROPHYSICS 1

This unit includes an introduction to stellar astrophysics. It covers the following: astronomy in ancient Egypt, Babylon, Arabia, and Renaissance Europe; gravity as described by Kepler and Newton; measuring distances in the universe; apparent and absolute magnitude; telescope resolution; spectroscopy; stellar classification and the HR-diagram; star formation; nucleosynthesis in stars of varying mass; the sun; planetary nebulae and white dwarfs; supernovae, neutron stars and black holes. It includes practical exercises and field trips.

**Courses:** EE48, SC01  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB476 SPECIAL PROCEDURES

This unit introduces specialised techniques of radiography: the skull, macroradiography, obstetrics, gynaecology, CNS, paediatrics and geriatrics.

**Courses:** PH38  
**Prerequisites:** PCB377, PCB379  
**Corequisites:** PCB479  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB477 COMPLEMENTARY IMAGING TECHNIQUES

This unit introduces the physical principles, equipment and applications of medical ultrasound and nuclear medicine imaging. It includes basic ultrasound scanning techniques and resultant imaging appearances for abdomen and pelvis, smart parts, musculoskeletal, and vascular applications.

**Courses:** PH38  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB479 CLINICAL RADIOGRAPHY 2

This unit includes clinical experience in approved departments in radiographic examinations discussed in PCB377 and PCB476.

**Courses:** PH38  
**Prerequisites:** PCB379 **Corequisites:** PCB476  
**Contact hours:** 200 over 5 weeks  
**Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► PCB489 CLINICAL RADIOTHERAPY 2

This unit includes clinical experiences in approved departments in techniques of radiation therapy.

**Courses:** PH38  
**Prerequisites:** PCB397, PCB389  
**Corequisites:** PCB497  
**Contact hours:** 200 over 5 weeks  
**Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► PCB495 COMPUTER ASSISTED TREATMENT PLANNING 1

This unit includes a study of planning hardware and software to include two-dimensional planning and the development of concepts to an advanced level of understanding of computer-assisted optimisation of isodose distributions.

**Courses:** PH38  
**Prerequisites:** PCB386, LSB345  
**Corequisites:** PCB497  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB497 MEGAVOLTAGE THERAPY 3

This unit includes an extension of the topics introduced in PCB397 covering the principles and applications of megavoltage therapy including techniques for specific sites.

**Courses:** PH38  
**Prerequisites:** PCB397, PCB389  
**Corequisites:** PCB495  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB505 ADVANCED PHYSICAL CHEMISTRY

This unit offers a program in advanced physical chemistry based upon interactive learning and problem solving. Topics in modern advanced physical chemistry including electrochemistry, catalysis, surfaces, quantum mechanics and statistical mechanics are offered. The theoretical framework is strongly supported by an experimental program with an emphasis on accuracy, precision and error estimation.

**Courses:** IF39, IF61, IX02, IX14, SC01  
**Prerequisites:** PCB305  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB514 INSTRUMENTAL ANALYSIS

This unit provides theoretical and practical framework for analysis with advanced instrumental techniques: atomic spectroscopy; mass spectrometry; HPLC; auto-analysers and flow analysis; advanced methods of data analysis: multivariate analysis, pattern recognition, classification and prediction. A practical program complements the unit.

**Courses:** IF39, IX02, IX14, SC01, SC51  
**Prerequisites:** PCB242, PCB414  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB524 UNIT OPERATIONS

This unit includes the following: energy balances; principles of particle mechanics and the unit operations used to process solids; principles of fluid mechanics and the unit operations used to process fluids; principles of heat transfer and the unit operations involving heat transfer; rationale for the design and operation of the many individual processes (or 'unit operations') which together make up a large part of any large scale process.

**Courses:** SC01, SC51  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB554 SYNTHESIS AND REACTIVITY IN ORGANIC CHEMISTRY

This unit includes the following: the principles and practice of synthesis planning; synthetically-useful reactions for interconversions of the common functional groups; carbon-carbon bond formation using organometallic reagents and enolates; selectivity and protection; aromaticity and heterocyclic chemistry.

**Courses:** IF39, IF61, IX02, IX14, SC01  
**Prerequisites:** PCB354, PCB444  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PCB561 QUANTUM AND CONDENSED MATTER PHYSICS**

Quantum Mechanics section includes the main postulates of quantum mechanics; uncertainty principle, quantum measurements, superposition principle, operators, mathematical approaches in quantum mechanics, Schrodinger equation, infinite potential well, potential barrier, tunneling effect, quantum oscillator, hydrogen atom, angular momentum, spin, spin-orbit interaction, Hartree theory of multi-electron atoms, electronic transitions in atoms, selection rules, indistinguishable particles. Condensed Matter Physics section includes Fermi energy, Fermi-Dirac distribution, density of states, electrical and thermal conduction, structure of Fermi surface, band structure of solids, Bloch functions, semiconductors, band gap, Hall effect, semiconductor devices, basic principles of superconductivity.

**Courses:** IF29, IF39, IF61, IX14, SC01, SC20  
**Prerequisites:** PCB462, MAB134 or MAB311  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PCB562 PHYSICAL METHODS OF ANALYSIS**

The theory and practice of important analysis techniques relevant to the materials sciences are covered in this unit with some examples drawn from industrial processes. Specific topics to be covered include the following: structure of crystals; types of lattice; unit cells; Miller indices; crystal diffraction; reciprocal space; X-ray diffraction, texture and stress analysis; X-ray fluorescence; electron microscopy.

**Courses:** IF29, IF39, IF61, IX14, SC01, SC20  
**Prerequisites:** MAB112 or MAB132, PCB462  
**Contact hours:** 4.5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PCB563 GLOBAL ENERGY AND CLIMATE CHANGE**

This unit offers science and engineering students an opportunity to gain awareness about the expanding field of alternative energy technologies and to understand relationships between use of energy and its impact on local and global environment.

**Courses:** SC01  
**Prerequisites:** MAB112 or MAB132  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PCB567 ADVANCED RADIOGRAPHIC TECHNIQUE 1**

This unit includes a study of the principles and techniques used in advanced radiographic techniques including angiography, arthrography, sonography and sialography. It also includes a study of the appearances of pathology on medical images with particular emphasis on the radiographic image.

**Courses:** PH38  
**Prerequisites:** PCB476, PCB479  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PCB580-1 CLINICAL RADIOGRAPHY 3**

This unit offers clinical experience in special radiographic procedures as introduced in PCB476, PCB567 and general radiography. (12 credit points achieved at completion of PCB580-1 and PCB580-2.)

**Courses:** PH38  
**Prerequisites:** PCB476, PCB479  
**Contact hours:** 240 over 6 weeks  
**Credit points:** 6  
**Campus:** GP **Sem:** 1

**► PCB580-2 CLINICAL RADIOGRAPHY 3**

See PCB580-1 for details.

**Courses:** PH38  
**Prerequisites:** PCB567, PCB580-1  
**Contact hours:** 200 over 5 weeks  
**Credit points:** 6  
**Campus:** GP **Sem:** 2

**► PCB584 FORENSIC EXAMINATION OF PHYSICAL EVIDENCE**

This unit presents an overview of the crime scene: its investigation and management; detection and collection of physical evidence; blood splash evidence; fire investigation; bomb scene; forensic osteology; expert evidence. It also in-

cludes forensic photography, fingerprinting, forensic applications of optical and electron microscopy. Substantial laboratory and workshop sessions complement the theory.

**Courses:** IF29, IF39, IX02, IX14, SC01  
**Prerequisites:** PCB414  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PCB587 SPECIALISED RADIOTHERAPY TECHNIQUE 1**

This unit includes a course of lectures and practical exercises on the specialised techniques of orthovoltage and superficial therapy including a study of radioactivity: methods of radiation detection; radioactive equilibrium and production of radioisotopes; the principles and application of brachytherapy.

**Courses:** PH38  
**Prerequisites:** PCB489, PCB497  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PCB590-1 CLINICAL RADIOTHERAPY 3**

This unit offers clinical experience in radiotherapy treatment and planning including specialised radiotherapy techniques as discussed in PCB587 and PCB595. (12 credit points achieved at completion of PCB590-1 and PCB590-2.)

**Courses:** PH38  
**Prerequisites:** PCB489  
**Contact hours:** 200 over 5 weeks  
**Credit points:** 6  
**Campus:** GP **Sem:** 1

**► PCB590-2 CLINICAL RADIOTHERAPY 3**

See PCB590-1 for details.

**Courses:** PH38  
**Prerequisites:** PCB590-1  
**Contact hours:** 200 over 5 weeks  
**Credit points:** 6  
**Campus:** GP **Sem:** 2

**► PCB593 DIGITAL IMAGE PROCESSING**

This unit provides students with a basic understanding of the computer techniques used in image processing and reconstruction. Specific areas of study will include the following: the structure of a digital image; image display techniques; grey scale palettes and look-up tables; Fourier transform theory; convolution theory; image processing hardware; image processing techniques, eg analysis, enhancement and restoration; spatial filtering; Fourier space filtering; methods of image reconstruction; 3-D volume and surface rendering; applications of image processing in medicine, astronomy and remote sensing, etc.

**Courses:** PH38, SC01  
**Prerequisites:** MAB100 or PCB107  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PCB595 COMPUTER ASSISTED TREATMENT PLANNING 2**

This unit includes the use of computers in the planning of non-standard and complex radiotherapy treatment including arc and rotation techniques, irregular field techniques and 3 dimensional plans. Use of 3-D computer planning system is included.

**Courses:** PH38  
**Prerequisites:** PCB495  
**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PCB604 PROJECT**

This unit addresses a variety of chemical problems reflecting teaching, research and consultancy interests of the staff.

**Courses:** IF39, IF71, IF86, IX02, IX14, SC01, SC51  
**Prerequisites:** Two relevant prerequisites from PCB434, PCB505, PCB554, PCB514, PCB524  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

**► PCB605 BIOMEDICAL INSTRUMENTATION**

See PCB460.

**Courses:** ME48  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PCB614 ADVANCED ANALYSIS**

This unit includes the theoretical and practical framework of advanced analytical techniques, emphasising the analysis of materials and more difficult samples than those covered in previous

units. Techniques include hyphenated mass spectrometry, analytical electron microscopy, thermal analysis, and vibrational spectroscopy.

**Courses:** IF86, SC01  
**Prerequisites:** PCB514  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PCB624 CHEMISTRY IN INDUSTRY AND TECHNOLOGY**

This unit includes industrial processes and technologies involved in the manufacture of materials of industrial and societal importance. Topics include mass transfer operations, metals and alloys, ceramics, inorganic polymers, biopolymers, natural fibres, high technology polymers and industrial membranes. The unit includes field trips to various industrial sites and a group problem-solving exercise.

**Courses:** IF39, IF86, SC01, SC51  
**Prerequisites:** PCB524  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PCB634 ORGANOMETALLIC AND COORDINATION CHEMISTRY**

Major topics covered are as follows: organometallic chemistry, including metal-carbon bonding, main group and transition metal organometallics and applications of organometallic compounds in synthetic chemistry; bioinorganic chemistry; physical methods of structure determination, such as single crystal X-ray diffraction; chemical applications of group theory.

**Courses:** IF29, IF39, IX14, SC01  
**Prerequisites:** PCB434  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PCB644 FRONTIERS IN CHEMISTRY**

This unit addresses a selection of topics in advanced chemistry from a range of evolving areas of relevance in modern chemistry and chemical technology such as nanotechnology, drug design, free-radical chemistry and trace metal speciation in environmental and biological systems. It includes the issue of the societal and ethical implications of the profession of chemistry.

**Courses:** IF29, IF39, SC01, SC51  
**Prerequisites:** PCB434, PCB505, PCB554  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PCB661 EXPERIMENTAL PHYSICS**

The content of experiments and projects will vary and be adapted to the interests of each student. Students work independently on sophisticated laboratory experiments or project work with a minimum of staff direction. Skills developed during this unit include communication, problem solving, time management, written and oral presentation skills, reflective practice, technological literacy and working independently.

**Courses:** IF29, IF39, IX14, SC01  
**Prerequisites:** PCB361, PCB460  
**Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

**► PCB664 LASERS AND PHOTONICS**

Laser and photonic technologies are rapidly maturing areas responsible for creating new industries and employment opportunities for scientists and engineers in the areas of information technology, manufacturing, sensing and health. In particular, the vast global optical communications industry has dramatically increased information transport rates through the development of new laser sources and photonic devices. At the heart of all advances in photonics is a greater understanding of light-matter interactions and the processes used to fabricate devices. This unit is offered to science and engineering students who seek to understand the physical principles underpinning lasers and photonic devices and their use in a range of optical technologies.

**Courses:** SC01, SC60  
**Prerequisites:** PCB260 or EEB340 and MAB134 or MAB311  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PCB665 PHYSICS 3**

This unit consists of three parts. Part A extends the content of previous units in electromagnetism and the application of Maxwell's equations,



electromagnetic waves, polarisation, dielectric permittivity, transmission line theory, waveguides, optic fibre theory, antennae. Part B includes a detailed study of magnetic resonance and its applications. Part C presents the extension of studies in statistical mechanics, including microscopic approach to entropy, partition function, paramagnetism, perfect and real classical and quantum gases, phase equilibria, Bose-Einstein condensate, Brownian motion.

**Courses:** IF29, IF39, SC01

**Prerequisites:** MAB134 or MAB311, PCB362, PCB462

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB667 ADVANCED RADIOGRAPHIC TECHNIQUE 2

This course is an extension of topics in advanced radiographic techniques and professional practice. It consists of a course of lectures and practical exercises on image interpretation including technical and diagnostic quality.

**Courses:** PH38 **Prerequisites:** PCB567

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB669 ASTROPHYSICS 2

This unit presents a theoretical background for the general theory of relativity and relativistic cosmology. This includes special theory of relativity, four-vectors and tensors, tensor calculus, covariant differentiation, least action principle and main postulates in special and general relativity, concepts of the interval and space-time metric, gravitation redshift, geodesic equation, energy tensor, Einstein equations for gravitational field, gravitational collapse, Schwarzschild metric, event-horizon for black holes, gravitational waves, cosmological principle, standard cosmological models, Robertson-Walker metric, dark energy, evolution of the universe, Big bang, cosmological horizons, cosmic background radiation, and cosmological redshift.

**Courses:** SC01, SC60

**Prerequisites:** PCB362, MAB134 or MAB521

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB672-1 PROJECT

This is a supervised project involving either application of existing theoretical practical knowledge or a literature survey of a selected relevant topic. (12 credit points achieved at completion of PCB672-1 and PCB672-2.)

**Courses:** PH38 **Credit points:** 6

**Campus:** GP **Sem:** 1

#### ► PCB672-2 PROJECT

This is a supervised project involving either application of existing theoretical practical knowledge or a literature survey of a selected relevant topic. (12 credit points achieved at completion of PCB672-1 and PCB672-2.)

**Courses:** PH38 **Credit points:** 6

**Prerequisites:** PCB672-1 **Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► PCB675 RADIATION SAFETY AND QUALITY ASSURANCE

This unit includes a study of the biological effects of ionising radiation and the philosophy and protocol in radiation protection. It includes a study of the principles and techniques used in the quality assurance of medical imaging/radiotherapy apparatus and ancillary equipment and image formation evaluation.

**Courses:** PH38

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB681 COMPUTED TOMOGRAPHY IMAGING

This unit covers both the technological and clinical aspects of X-ray computed tomography (CT). Clinical applications described include those for specific anatomical areas as well as advanced and interventional applications. The strengths and weaknesses of CT in relation to other imaging modalities are discussed.

**Courses:** PH38

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB682 MAGNETIC RESONANCE IMAGING

This unit includes lectures and tutorial exercises in the physical principles and clinical techniques used in magnetic resonance.

**Courses:** PH38

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB684 FORENSIC ANALYSIS AND TOXICOLOGY

This unit provides a theoretical and practical framework for forensic analysis and toxicology. It includes topics such as nature and abuse of drugs; introduction to pharmacology and toxicology; illicit drugs and poisons; the application of GC, HPLC, MS and hyphenated techniques as well as IR; examination of trace evidence. Substantial laboratory and workshop sessions complement the theory.

**Courses:** SC01

**Prerequisites:** PCB242, PCB514

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB687 SPECIALISED RADIOTHERAPY TECHNIQUE 2

This unit includes a study of specialised radiotherapy techniques including techniques applicable to the child patient and patients with communicable disease, total body photon and electron therapy. It includes a course of lectures on the principles, strengths and stage of development of techniques which are integral or complementary to the modern radiotherapy treatment of cancer.

**Courses:** PH38

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB695 ADVANCED TREATMENT PLANNING TOPICS

This unit includes a study of the principles and techniques of medical imaging used in the detection of cancer including MRI, PET and SPECT. This study also covers future directions of three dimensional treatment planning, and IMRT.

**Courses:** PH38

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCB700-1 RESEARCH PROJECT

Each student undertaking Honours is required to select and undertake, in consultation with a supervisor, a substantial project in an appropriate area. Each project is assessed on the basis of an extensive written report and an oral presentation. (60 credit points achieved at completion of PCB700-1, PCB700-2, PCB700-3, PCB700-4 and PCB700-5.)

**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► PCB700-2 RESEARCH PROJECT

See PCB700-1 for details.

**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► PCB700-3 RESEARCH PROJECT

See PCB700-1 for details.

**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► PCB700-4 RESEARCH PROJECT

See PCB700-1 for details.

**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► PCB700-5 RESEARCH PROJECT

See PCB700-1 for details.

**Courses:** SC60 **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► PCB706 QUANTUM MECHANICS

This unit includes the following: review of operators and their role in quantum mechanics, different representations, Dirac notations and linear vector space, matrix approach to quantum mechanics, eigenvalues and eigenvectors, unitary transformations, R- and P-representations, tensor product of states, six postulates of quantum mechanics, concept of measurements, quantum entanglement, density matrix, general theory of angular momentum, quantum oscillator, two-level systems, non-relativistic theory of spin, spinors, hybrid orbitals and chemical bonding,

theory of scattering, Born approximation, partial wave analysis, perturbation theory.

**Courses:** SC60

**Prerequisites:** PCB561  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB708 ADVANCED TOPICS IN PHYSICS

No more than three topics are included. The content is determined by current research advances, availability of appropriate staff, visiting academics, etc and may vary from year to year.

**Courses:** SC60

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► PCB742 ELECTIVE UNIT

The subjects are chosen to suit individual students but the topics studied would normally be in specific areas of physical chemistry, analytical chemistry, inorganic chemistry or organic chemistry and would be chosen from subjects presently offered in the masters program or other post graduate programs. Relevant material from other accredited courses may be included as part or all of the requirement for this subject as directed by the Course Coordinator and Head of School.

**Courses:** SC60

**Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► PCB780-1 ADVANCED TOPICS IN CHEMISTRY 1

This is the first semester component of a two-semester unit covering a selection of advanced topics in the areas of physical, organic and inorganic chemistry. The topics offered reflect the expertise of the academic staff as well as the needs of the students. (24 credit points achieved at completion of PCB780-1 and PCB780-2.)

**Courses:** SC60

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCB780-2 ADVANCED TOPICS IN CHEMISTRY 1

See PCB780-1 for details.

**Courses:** SC60

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN112 MEDICAL IMAGING SCIENCE

This unit offers an introduction to the MATLAB programming language, programming techniques, and algorithms and digital image processing. It includes the principles of display, perception and interpretation of medical images, image quality, and imaging in nuclear medicine.

**Courses:** PH71, PH80

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN113 RADIATION PHYSICS

This unit includes the following: radioactivity and the interaction of ionising radiation with matter; applied radiation counting techniques; radiation detectors; radiation dosimetry.

**Courses:** PH71, PH80

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCN114 MICROPROCESSORS AND INSTRUMENTATION

This unit includes the following: the capabilities and limitations of a given instrument; design of interfaces between microcomputers and transducers; signal conditioning and signal conversion circuits for data acquisition.

**Courses:** PH71, PH80

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCN121 VISION COLOUR AND PHOTOMETRY

This unit includes the following: measurement of luminous flux; luminous intensity; illuminance; luminance; reflectance; transmittance; diffuse surfaces; inverse square law; cosine law; Munsell and CIE Colour System; chromaticity coordinates  $Y_{xy}$ ,  $L^*A^*B^*$ ,  $Luv$ , correlated colour temperature, colour rendering indices; the integrating sphere; colourimetry; distribution photometry; graphical representation of photometric data; measuring instruments; accuracy; repeatability; the physiology of the eye and light detection; contrast sensitivity; colour vision; adaptation; brightness and lightness; image detection and

recognition including edge detection, lightness determination; the association of the characteristics of patterns; the importance of the visual attributes of tasks.

**Courses:** PH62, PH72, PH82 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN122 LIGHTING DESIGN

This unit includes the following: definition of the visual field; the extension of threshold studies to practical task situations; the evaluation of visual tasks; the development of measures of discomfort and disability glare; illuminance and glare scales; methods for the assessment of tasks and environments; experimental techniques of evaluation. It also includes the perception of colour, form, pattern and space, and issues relating to the perception and comprehension of the environment; aesthetics, perception and emotion; the practical methods available for predicting illuminances from daylight and uniform arrays of luminaires; the prediction of discomfort; appraisals; codes of practice; economics; maintenance; integration of daylight and electric light.

**Courses:** PH62, PH72, PH82  
**Prerequisites:** PCN121 **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCN123 SUSTAINABILITY AND HUMAN FACTORS

This unit will not cover all areas of specialised lighting, but rather will concentrate on the more important and general public lighting situations. Topics covered include the following: emergency lighting requirements; road lighting; pedestrian lighting and sports lighting with particular reference to standards for specialised lighting situations, equipment, required light distributions and calculation and design techniques. There is a need to fully understand the issues involved in designing for these applications and to be able to build a design that satisfies the requirements with quality and efficient lighting solutions.

**Courses:** PH62, PH72, PH82 **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCN124 LAMPS AND LUMINAIRES

This unit includes the development of light sources, the practical requirements of light sources including tubular fluorescent lamps, and various high and low pressure discharge lamps. Practical lamps are discussed in terms of luminous efficacy, spectral output, colour rendering, life, supply requirements, control gear, cost, etc. The unit also addresses the design, manufacture, testing and the provision of data on luminaires methods of light control; the properties of optical systems; refractors, reflectors and diffusers; luminance control techniques; manufacture of luminaires and auxiliaries; codes and provision of photometric data for indoor and outdoor luminaires; the calculation of utilisation factors; luminaire luminances; computerised testing, and machine readable photometric data.

**Courses:** PH62, PH72, PH82  
**Corequisites:** PCN121 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN159 ULTRASONIC EXAMINATION 1

This unit addresses the normal and abnormal anatomy and functions related to gynaecology and obstetrics, the ultrasonic techniques used, and the appearance of related images. It includes a study of the technique used in the ultrasonic examination of the abdomen including the appearance on the ultrasound image of normal abdominal anatomy and its alteration by pathological processes.

**Courses:** PH71, PH80  
**Corequisites:** PCN162, PCN197  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCN162 PRINCIPLES OF MEDICAL ULTRASOUND

This unit is designed to provide students with a thorough understanding of the physical processes involved in producing an ultrasound image, the features of ultrasound equipment and the role and responsibilities of the sonographer in producing a diagnostic examination. Topics include general scanning principles and considerations, care of equipment, physics of ultrasound, ultrasound

equipment features, image production and processing, artefacts, image recording methods, quality control, biological hazards and safety issues, principles of Doppler ultrasound, care of the patient and communication issues.

**Courses:** PH60, PH71, PH75, PH80, PH85  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCN184 BREAST IMAGING

This unit includes the following: medical imaging of the breast; principles of mammographic and sonographic imaging; breast anatomy and physiology; pathological conditions affecting the breast and its appearance; advanced mammographic techniques; mammographic and sonographic quality assurance.

**Courses:** PH60  
**Prerequisites:** PCN162, PCN187  
**Corequisites:** PCN397  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN187 SPECIALIST STUDIES

This is a student-centred learning unit that allows exploration of specialist techniques and applications through self directed study and research.

**Courses:** PH60, PH71 **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCN197-1 CLINICAL ATTACHMENT 1

This is a supervised practical program carried out in an approved medical imaging department. Students are required to undertake specified clinical practice as applicable to their area of specialisation and meet minimum requirements of clinical hours and case scope and numbers. (12 credit points achieved at completion of PCN197-1 and PCN197-2.)

**Courses:** PH71, PH80  
**Corequisites:** PCN159, PCN162  
**Credit points:** 6  
**Campus:** GP **Sem:** 1

#### ► PCN197-2 CLINICAL ATTACHMENT 1

See PCN197-1 for details.

**Courses:** PH71, PH80  
**Corequisites:** PCN159, PCN162  
**Credit points:** 6  
**Campus:** GP **Sem:** 2

#### ► PCN211 PHYSICS OF MEDICAL IMAGING

This unit addresses the physical principles involved in the production of radiographic, ultrasonic and magnetic resonance images and quality control protocols.

**Courses:** PH71, PH80  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PCN212 RADIOTHERAPY PHYSICS

This unit provides an overview of the application of physics to radiotherapy and the theoretical and practical aspects of the major topics in radiotherapy physics.

**Courses:** PH71, PH80  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN214 HEALTH AND OCCUPATIONAL PHYSICS

This unit introduces the philosophy, protocols and practices of safety in the medical and industrial fields and the minimisation of hazards associated with radiation, acoustic, electrical and mechanical techniques.

**Courses:** PH71, PH80  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN218 RESEARCH METHODOLOGY AND PROFESSIONAL STUDIES

In the rapidly changing technological environment of medical physics and medical ultrasound, it is essential that students develop basic research skills, data interpretation skills and written communication skills. Topics include the research process, data collection and analysis techniques, and writing and evaluating research reports. Students also require knowledge of the professional, basic management, legal and ethical issues involved in their particular speciality area. Topics include the role and purpose of professional bodies, professional communication, legal

and ethical issues, basic professional management techniques and issues.

**Courses:** PH71, PH75, PH80, PH85  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

#### ► PCN222 ADVANCED LIGHTING DESIGN

This unit includes the latest developments in lamp technologies and sources (including LEDs and lasers); lighting in the mesopic range; a review of factors influencing lighting design; discomfort and disability glare; illuminance and glare scale; methods for the assessment of tasks and environments; in-depth studies of colour, form, pattern and space; issues relating to the perception and comprehension of the environment; the practical effects of daylight; introduction to the integration of daylight and electric lighting. This is a very hands-on unit with a large component of computer design work, group discussions and site visits and evaluations.

**Courses:** PH62, PH72, PH82  
**Prerequisites:** PCN122, PCN123  
**Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN223 LIGHTING APPLICATIONS

This unit builds on the material covered in PCN122 and looks in more depth at some of the applications covered in that unit, namely street lighting and public access lighting. It includes areas not covered in that unit; general floodlighting requirements and equipment; light distributions; calculation methods; area floodlighting; building floodlighting; pedestrian lighting; tunnel lighting; vehicle lighting; traffic signals, airport lighting; navigation lighting; display lighting; advertising.

**Courses:** PH62, PH72, PH82  
**Prerequisites:** PCN123 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN224 LIGHTING PROJECT 1

There is no set material for this unit. Students undertake an approved project over a semester on any topic relevant to their interest in lighting. The project may be predominantly a reading course, reviewing, comparing or analysing material on a specific topic, or it may be a practically oriented project involving manufacture, measurement or analysis of a particular lighting product or installation. The project may be taken at QUT or within the person's place of employment.

**Courses:** PH72, PH82 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN259 CARDIAC ULTRASOUND 1

The field of medical ultrasound is scientifically based, in an environment that is rapidly changing and undergoing considerable technological advancement. A thorough understanding of the techniques used in the evaluation of the fetal, paediatric, and adult heart is essential for professionals working in this field. Topics include patient preparation and communication requirements; basic electrocardiograph (ECG) patterns; the routine adult echocardiographic examination (including the 2-dimensional, M-mode, spectral Doppler and colour flow Doppler examinations and standard calculations); basic hemodynamics; an introduction to Doppler physics and principles.

**Courses:** PH75, PH85  
**Prerequisites:** LSN259 **Corequisites:** PCN497  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PCN297-1 CLINICAL ATTACHMENT 2

This unit includes a period of additional supervised clinical practice designed to expand and refine skills acquired in PCN197. (12 credit points achieved at completion of PCN297-1 and PCN297-2.)

**Courses:** PH71, PH80  
**Prerequisites:** PCN159, PCN197, PCN356  
**Corequisites:** PCN355, PCN357  
**Credit points:** 6  
**Campus:** GP **Sem:** 1

#### ► PCN297-2 CLINICAL ATTACHMENT 2

See PCN297-1 for details.

**Courses:** PH71, PH80  
**Prerequisites:** PCN297-1 **Credit points:** 6



**Campus:** GP**Sem:** 2**► PCN355 VASCULAR ULTRASOUND**

This unit includes the principles and equipment requirements of ultrasound applications in the cardiovascular system and the clinical techniques and diagnostic criteria of such applications in particular those of the peripheral arterial and venous systems and the heart.

**Courses:** PH71, PH80**Prerequisites:** PCN159, PCN162**Contact hours:** 4 per week **Credit points:** 12**Campus:** GP **Sem:** 1**► PCN356 ULTRASONIC EXAMINATIONS 2**

This unit includes the ultrasound techniques used to examine the head, neck and peripheral organs and the ultrasonic appearance of normal and abnormal anatomy and pathology. It includes ultrasound techniques in advanced obstetrics and gynaecology and in the abdomen.

**Courses:** PH71, PH80**Prerequisites:** PCN159, PCN162, PCN197**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 2**► PCN357 ADVANCED ULTRASOUND TOPICS**

This unit builds on content of PCN159 and PCN356 providing more advanced applications of ultrasound in obstetrics. This unit also provides a study of the applications of ultrasound techniques in paediatrics and an overview of echocardiography.

**Courses:** PH71, PH80**Prerequisites:** PCN159, PCN162, PCN356**Corequisites:** PCN297**Contact hours:** 4 per week **Credit points:** 12**Campus:** GP **Sem:** 1**► PCN359 CARDIAC ULTRASOUND 2**

Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit extends and builds on the content of PCN259 by introducing concepts and techniques of the complex hemodynamic examinations and discussing the applications of the techniques described to common pathological clinical situations. Topics include Doppler calculations, assessment of systolic function, echocardiographic assessment of pathological conditions of the heart and great vessels, and systemic causes of heart disease.

**Courses:** PH75, PH85**Prerequisites:** PCN259, PCN497**Corequisites:** PCN597**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1**► PCN397-1 CLINICAL ATTACHMENT 1**

This is a supervised practical program carried out in an approved medical imaging department. Students are required to undertake specified clinical practice as applicable to their area of specialisation and meet minimum requirements of clinical hours and case scope and numbers. (12 credit points achieved at completion of PCN397-1 and PCN397-2.)

**Courses:** PH60 **Credit points:** 6**Campus:** GP **Sem:** 1**► PCN397-2 CLINICAL ATTACHMENT 2**

See PCN397-1 for details.

**Courses:** PH60 **Credit points:** 6**Campus:** GP **Sem:** 2**► PCN459 ADVANCED CARDIAC ULTRASOUND**

Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit extends and builds on the content of units PCN259 and PCN359 by introducing more advanced applications of echocardiography. The advanced areas of diastolic function, unusual pathologies, the assessment of congenital heart lesions in the foetus, and paediatric and adult patient, and new and evolving technologies are covered. Additionally, an overview of other diagnostic methods of the heart is presented in order to demonstrate the complementary nature of diagnostic testing.

**Courses:** PH75, PH85**Prerequisites:** PCN259, PCN359, PCN497**Corequisites:** PCN597**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 2**► PCN497-1 CLINICAL ATTACHMENT 4**

The field of medical ultrasound is scientifically based, in an environment that is rapidly changing and undergoing considerable technological advancement. Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit is an essential component of the course as it allows the student to be involved in extensive clinical experience that is complementary to all other units in the course. In this unit, basic echocardiographic skills are developed through employment and training in a QUT approved clinical department. Clinical skills are developed and evaluated by QUT approved clinical supervisors, in consultation with QUT academic staff. (12 credit points achieved at completion of PCN497-1 and PCN497-2.)

**Courses:** PH75, PH85 **Corequisites:** PCN259**Contact hours:** 3 per week **Credit points:** 6**Campus:** GP **Sem:** 1**► PCN497-2 CLINICAL ATTACHMENT 4**

See PCN497-1 for details.

**Courses:** PH75, PH85**Prerequisites:** PCN497-2**Contact hours:** 3 per week **Credit points:** 6**Campus:** GP **Sem:** 2**► PCN520 PROJECT (FULL-TIME)**

The project may take the form of research development, a design, a feasibility study, or the collation of scattered information on a given topic. The project can be undertaken externally under QUT supervision. Time spent on projects is one semester for full-time and two semesters for part-time students.

**Courses:** PH80**Contact hours:** 18 per week **Credit points:** 48**Campus:** GP **Sem:** 1, 2, 3**► PCN540-1 PROJECT (PART-TIME)**

The project may take the form of research development, a design, a feasibility study, or the collation of scattered information on a given topic. The project can be undertaken externally under QUT supervision. Time spent on projects is one semester for full-time and two semesters for part-time students. (48 credit points achieved at completion of PCN540-1 and PCN540-2.)

**Courses:** PH80**Contact hours:** 9 per week **Credit points:** 24**Campus:** GP **Sem:** 1, 2, 3**► PCN540-2 PROJECT (PART-TIME)**

See PCN540-1 for details.

**Courses:** PH80**Contact hours:** 9 per week **Credit points:** 24**Campus:** GP **Sem:** 1, 2, 3**► PCN597-1 CLINICAL ATTACHMENT 5**

Cardiac ultrasound (echocardiography) is a highly specialised technique for the assessment of the human heart. This unit is an essential component of the course as it allows the student to be involved in extensive clinical experience that is complementary to all other units in the course. This unit builds on skills, knowledge and abilities gained in the unit PCN497. In this unit, basic skills are refined and expanded, and advanced echocardiographic skills are developed through employment and training in a QUT approved clinical department. Clinical skills are developed and evaluated by QUT approved clinical supervisors, in consultation with QUT academic staff. (12 credit points achieved at completion of PCN597-1 and PCN597-2.)

**Courses:** PH75, PH85**Prerequisites:** PCN497**Corequisites:** PCN359, PCN459**Contact hours:** 3 per week **Credit points:** 6**Campus:** GP **Sem:** 1**► PCN597-2 CLINICAL ATTACHMENT 5**

See PCN597-1 for details.

**Courses:** PH75, PH85**Prerequisites:** PCN597-1**Contact hours:** 3 per week **Credit points:** 6**Campus:** GP **Sem:** 2**► PCN640-1 PROJECT**

The project may take the form of research development, a feasibility study, or the collation of

disparate, scattered information. The project can be undertaken externally, under QUT supervision. The project would normally be undertaken part-time over two semesters. (48 credit points achieved at completion of PCN640-1 and PCN640-2.)

**Courses:** PH85**Contact hours:** 9 per week **Credit points:** 24**Campus:** GP **Sem:** 1**► PCN640-2 PROJECT**

See PCN640-1 for details.

**Courses:** PH85**Contact hours:** 9 per week **Credit points:** 24**Campus:** GP **Sem:** 2**► PCN701 TOPICS IN ADVANCED CHEMISTRY 1**

This unit includes a series of lectures and/or a reading program and/or selected laboratory exercises designed to provide the student with the appropriate theoretical and practical background, at an advanced level, necessary for the completion of a research program.

**Courses:** SC80**Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PCN705-1 RESEARCH METHODOLOGY**

This unit includes a guided program of literature surveys to provide the background information for the research project. This unit enables students to develop verbal and oral communication skills required for the successful conduct of a chemical research project. During the course students will be required to attend and participate in seminars. Students must present two seminars on their own research. (12 credit points achieved at completion of PCN705-1 and PCN705-2.)

**Courses:** SC80**Credit points:** 6**Campus:** GP **Sem:** 1, 2**► PCN705-2 RESEARCH METHODOLOGY**

See PCN705-1 for details.

**Courses:** SC80**Credit points:** 6**Campus:** GP **Sem:** 1, 2**► PCN710 CHEMICAL INSTRUMENTATION**

This unit presents chemical instrumentation and electronics required for advanced level operation of scientific instrumentation.

**Courses:** SC80**Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PCN715 ADVANCED TOPICS IN PHYSICS 1**

This unit provides a focused theoretical foundation for each students research program or other advanced topics in physics and develops a high level of theoretical understanding of the physical principles involved.

**Courses:** SC80**Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PCN716 ADVANCED TOPICS IN PHYSICS 2**

See PCN715.

**Courses:** SC60, SC80 **Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PCN720 CHEMOMETRICS**

This unit includes the following: the concepts of chemical data acquisition and interpretation; computational methods and existing software packages for statistical analysis in chemistry; statistical methods in quality and process control; sampling procedures; multivariate analysis and optimisation techniques.

**Courses:** SC80**Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PCN730 ADVANCED PHYSICAL METHODS IN CHEMISTRY**

This unit includes theoretical and practical principles of selected physical methods in chemistry.

**Courses:** SC80**Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PCN740 LABORATORY TECHNIQUES FOR PREPARATIVE CHEMISTRY**

This unit includes the experimental techniques for the preparation and isolation of pure substances.

**Courses:** SC80**Credit points:** 12**Campus:** GP **Sem:** 1, 2

See PCN640-1 for details.

### ► PCN801 TOPICS IN ADVANCED CHEMISTRY 2

See PCN701.

**Courses:** SC80

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

### ► PSB411 PLANNING/LANDSCAPE DESIGN 1

This unit has two parts. The theory section includes basic design vocabulary, design principles, design tools, different approaches to design and problem solving. The studio section includes projects to encourage an understanding of design: seeing design through the use of line, form, colour, texture, etc using design principles; developing critical and creative thinking towards design.

**Courses:** BN31

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► PSB412 COMPUTER SKILLS

This unit includes the following: development of understanding, awareness, and appreciation of computers as an aid in data analysis and presentation; basic skills of input, manipulation and examination of output for statistical analysis of data in decision making; the range of information systems and appropriate data analysis software; utilisation of the computer as a professional tool.

**Courses:** BN31, PS47, PS48

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

### ► PSB413 GRAPHICS

This unit includes the following: graphics as a tool within the planning and design process, as a communicator of results; diagramming; lettering; layout; visual themes; different media and reproduction; scale; legibility; graphic organisation; realism and abstraction; axonometric; perspective; freehand and technical drawing.

**Courses:** BN31

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► PSB414 PROFESSIONAL SKILLS 1

This unit includes the following: basic information retrieval skills and presentation; introduction to academic life; learning skills, time management; QUT library as a resource; writing process: types, formats, styles, bibliographic connections; indexing and abstract services; electronic information retrieval; personal file management; evaluating information

**Courses:** BN31, PS47, PS48

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► PSB415 CONTEMPORARY LANDSCAPE DESIGN

This unit engages students studying to become landscape architects with an appreciation of the significance of the profession and the inspiring achievements by the leaders within the discipline during the 20th and early 21st century. Using award-winning examples of design works carried out in a range of socio-cultural and environmental contexts, students are introduced to the potential of contemporary landscape design to provide places of intellectual, cultural, social and environmental delight. The unit is complementary to the introduction to design in the Creative Space studio, and analyses the work of leading designers according to the principles of design, with a particular focus on land modelling and the use of plant materials.

**Courses:** BN31

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► PSB416 RESEARCH AND CRITICISM

This unit fosters an understanding of worldviews influencing the culture of landscape architecture. Module 1 includes the what, why, and how of landscape research. Module 2 includes contemporary belief systems in landscape research. Module 3 includes methods for answering researchable questions.

**Courses:** BN31

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► PSB417 MANUAL/DIGITAL GRAPHICS

This unit includes an introduction to the application of graphic communication methods as it

relates to environmental design and manual graphic techniques and digital (computer-aided) graphic techniques. Manual graphic techniques emphasising the development of a variety of presentation graphics with reference to three-dimensional presentation in drawn form are closely linked to the design studio undertaken in PSB421 Planning and Design 2 and/or PSP264 Spatial Design Theory where application of the skills developed are an expected outcome. Digital (computer-aided) graphic techniques develop students' knowledge and skills in computer imaging using CorelDraw and Corel Photopaint, computer-aided drafting techniques using AutoCAD, and visual presentation using PowerPoint.

**Courses:** BN31

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

### ► PSB421 PLANNING/LANDSCAPE DESIGN 2

This unit includes the following: introduction to design processes and types of design at various scales; consolidating and extending the habits of visual and creative thinking; understanding and using the basic techniques of site surveying; introduction to the concept of cultural values and personal values; introduction to understanding each profession in theory and by studio application; development of group interaction.

**Courses:** BN31

**Prerequisites:** PSB411

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

### ► PSB422 ENVIRONMENTAL SCIENCE

This unit includes the following: the concept of landscape as interacting dynamic systems and processes; role of humans in these systems; awareness of the relevance of environmental issues in the professions; basic scientific processes and concepts relating to the physical environment; ecosystems and landscape ecology; people in the landscape and sustainability; the built environment professions and environmental impact.

**Courses:** BN31, PS47, PS48

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

### ► PSB423 GROUP DYNAMICS

This unit includes the following: basic theories and concepts of psychology and human behaviour; role of self concept; locus of control in transactions; perception; learning processes; problem-solving; hierarchy and dynamics of working with others. It also includes group process skills: small group communication; verbal/non-verbal languages; listening, assertive and negotiating skills; values, personalities and cultural differences, in-group functioning.

**Courses:** BN31

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 2

### ► PSB424 LAND SCIENCE

This unit consists of 4 elementary modules, which are taken according to the needs of the discipline of study. Module A: spatial referencing, site measurement; use of maps and air photos. Module B: surveying. Module C: science. Module D: statistics. Disciplines: Surveying - Modules A and B. Landscape Architecture - Modules A and C. Urban and Regional Planning - Modules A and D.

**Courses:** BN31, PS47, PS48

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

### ► PSB431 PLANNING/LANDSCAPE DESIGN 3

This unit includes the following theory: reinforcement of the design process, character, components, types and delineation; place/use relationships. The practical projects require the application of knowledge and skills reacting to places and their uses, supported by relevant graphic and oral communication techniques. The projects are linked at an urban scale. These proposals are communicated through drawings and illustrated reports. The studio requires an increased emphasis on group work at the investigative stage.

**Courses:** BN31

**Prerequisites:** PSB421, PSB413

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► PSB432 HISTORY OF BUILT ENVIRONMENT

Lectures cover the history of human occupation and use of the land, particularly the design and development of human settlements and the evolution of the professions involved in these activities in a global overview. The unit covers the historical development of significant designed landscapes throughout the world, from earliest times to the present day, in their social and political contexts, emphasising current ideas and philosophies. This unit provides an introduction to the large body of knowledge, understanding and different interpretations about landscape and planning history.

**Courses:** BN31

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

### ► PSB433 PLANNING PROCESSES (URP ONLY)

This unit addresses planning as a creative and value-based activity. It considers the problem-solving process which links places, activities and underlying values: planning method as a progressive and cyclic process; incorporating the logic of conscious planning; identification of problems and issues; the roles and derivation of objectives; analysis and projection of activity systems; resource and issue analysis; synthesis in planning, decision-making, implementation, and evaluation. It also includes the emerging fields within community and land use planning. The examples cover outputs dealing with spatial scale (regional, metropolitan, urban and local) and conceptual scale (strategic visions, program plans, projects, policies).

**Courses:** BN31

**Prerequisites:** PSB414, PSB423

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► PSB434 LANDSCAPE CONSTRUCTION A (LANDSCAPE ONLY)

The unit comprises three primary components: grading (manipulation of land surfaces); materials and construction elements (development of understanding of the properties and use of common construction materials relevant to landscape construction); introduction to structures (principles of structural mechanics). In all of these components, attention is paid to the development of appropriate technical drawing and documentation techniques for the preparation of construction documentation.

**Courses:** BN31

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► PSB435 SOCIAL AND CULTURAL RELATIONS

This unit includes the following: introduction to some of the underlying social relationships and their structures in contemporary Western urbanisation; application of sociological theories by way of analysis of an urban environment with respect to its socio-cultural functions; theory of human functioning in urban environment, privacy, personal space, environmental meaning and cognition; analysis of major concepts in urban life including concepts and ideas of capitalism, the relation between production and current restructuring of production, social relationship.

**Courses:** BN31

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

### ► PSB441 PLANNING/LANDSCAPE DESIGN 4

This unit includes the following: reinforcement of site planning and techniques; development and communication of vision statements, aims and objectives; designing for sustainable futures; using design science principles to ensure comfort and fit. The principles of designing for climate, and the effects of topography, vegetation, structures, and surface materials are considered as part of the design solution/s. The project is based on one location and involves a specific community group. Project has three stages: analysis of the

community structure and its needs; the settings and its physical potential and constraints; discipline orientated proposals for the community/location improvement.

**Courses:** BN31 **Prerequisites:** PSB431  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB442 PLANT STUDIES (LANDSCAPE ONLY)

This unit has two sections. Plant Ecology includes resources for studying plants (established and personal herbariums, keys, other locally); classification and nomenclature; evolution of the plant kingdom; plant systematics; plant structure; plant anatomy; plant physiology, form and function; requirements for plant growth, plants and habitats; populations; ecosystems; disturbance; weeds; pattern and diversity. Horticulture includes design characteristics and criteria; use of plants as structural and design elements within the landscape; principles of planting design; scale; design for change, growth, replacement, and maintenance; planting design in typical locations such as streets, parks, urban forecourts, interiors, gardens, and foreshores; broad scale regeneration and stabilisation.

**Courses:** BN31 **Prerequisites:** PSB422  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB443 POPULATION AND URBAN STUDIES

This unit includes two sections. Population Studies include demographic concepts and analytical methods; demographic trends in Australian cities and its planning implications; internal migration patterns in Australia; international migration and planning for multi-cultural cities. Urban Studies include urban concepts and theoretical approaches to urban studies; internal structure of cities and urban hierarchy; economic restructuring and employment in cities; small towns in Australia; gentrification; housing supply and demand; residential patterns in Australian cities; urban landscapes and city images; sustainable urban development; urbanisation and housing issues in developing countries.

**Courses:** BN31 **Prerequisites:** PSB434  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB444 LANDSCAPE CONSTRUCTION B (LANDSCAPE ONLY)

The unit comprises three primary components: grading (manipulation of land surfaces); materials and construction elements (development of understanding of the properties and use of common construction materials relevant to landscape construction); introduction to structures (principles of structural mechanics). In all of these components attention is paid to the development of appropriate technical drawing and documentation techniques for the preparation of construction documentation.

**Courses:** BN31 **Prerequisites:** PSB434  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB445 INFRASTRUCTURE PLANNING (URP ONLY)

This unit includes the following: transport studies and the links between land uses and transport, main modes of transport and their requirements and impacts; methods of predicting future transport patterns; traditional and innovative techniques of transportation planning and management; relevant land use planning approaches; the effects of transport decision, policies and implementation on the physical, social and cultural environment; introduction to the basic requirements of human settlements in terms of other 'hard' infrastructure, including planning for community services, water supply, sewerage, electricity, electronic communications and infrastructure financing; introduction to basic human services planning.

**Courses:** BN31 **Prerequisites:** PSB434  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB451 PLANNING/LANDSCAPE DESIGN 5

This unit requires individual work supported by informal workshops. The content is organised within a community and based upon an area, which has a complex array of uses, constraints and opportunities. Following an overview of the given area and a statement of broad directions for improving the quality of the physical and social environments, each student proposes an individual study topic. The topic is then researched and a study area analysis undertaken to develop a brief for development of subsequent proposals. Each student carries through the brief by developing conceptual and detailed proposals for the study topic.

**Courses:** BN31 **Prerequisites:** PSB441  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB452 PROFESSIONAL SKILLS 2

This unit includes the following: the sources and importance of systems of values; appreciation of the diversity of values in modern Australian society; exploration of relevant codes of professional conduct; explorations of value based and ethical implications relevant to topical issues of the day, such as land development, conservation, government policies, changing technology, or cultural diversity; identification of potential sources of conflict in communities and groups; principles of conflict management; conflict management processes and techniques related to relevant aspects of professional activity, including community consultation, working with groups, professional teams and the like; approaches to effective and principled negotiation.

**Courses:** BN31 **Prerequisites:** PSB414  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB453 ELECTIVE 1

Elective units may be offered by the School or through other Faculties within the University. All electives are to be approved by the course coordinators.

**Courses:** BN31 **Prerequisites:** PSB434  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB461 PLANNING/LANDSCAPE DESIGN 6

This unit requires individual work supported by informal workshops. The content is organised within a community and based upon an area, which has a complex array of uses, constraints and opportunities. Following an overview of the given area and a statement of broad directions for improving the quality of the physical and social environments, each student proposes an individual study topic. The topic is then researched and a study area analysis undertaken to develop a brief for development of subsequent proposals. Each student carries through the brief by developing conceptual and detailed proposals for the study topic.

**Courses:** BN31 **Prerequisites:** PSB451  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB462 CONSERVATION AND MANAGEMENT

This composite unit contains two segments: heritage studies (conservation) and land use policies and evaluation (management). The conservation segment deals with the theory and practice behind the conservation of the built and natural environment. It includes an introduction to the Australia ICOMOS Burra Charter, conservation principles and accepted procedures, methods of researching and recording, assessment of cultural and natural significance, and locally applicable protective heritage legislation. The management segment deals with the roles of different levels of government in Australia related to land use policy.

**Courses:** BN31 **Prerequisites:** PSB432  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB463 ELECTIVE 2

Elective units may be offered by the School or through other Faculties within the University. All

electives are to be approved by the course coordinators.

**Courses:** BN31

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB610 GOVERNMENT AND LAW

This includes the study of Australian political institutions and their effect on land development.

**Courses:** PS47, PS48, BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB611 INTRODUCTION TO URBAN AND REGIONAL ECONOMICS

This unit includes the following: microeconomics (global and national macroeconomic forces as they affect firms); a free market and its imperfections; market failure and the concepts of private and public interest, equity and the role of government; land as an economic concept; economic models of urban land use; valuation theory and concepts of land value, tenure, ownership, resumption, compensation, land use controls and zoning; economics of important town planning issues such as housing, infrastructure, and urban finance; economic growth and stability; optimal size and the problem of externalities; methodologies such as regional accounting and cost benefit analysis.

**Courses:** PS47, PS48, BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB612 SPATIAL AND LAND INFORMATION MANAGEMENT

The spatial information science application areas of this unit include application areas, resource management, urban and rural planning, cadastral administration, facilities management. System planning includes system planning overview, functional requirements analysis, system evaluation, and benchmarking. System Implementation includes database creation, implementation issues, and implementation strategies. Other aspects addressed in this unit include standards, legal issues, and knowledge-based techniques.

**Courses:** PS47, PS48 **Prerequisites:** PSB631  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB613 LAND DEVELOPMENT PRINCIPLES AND POLICIES

This unit addresses the principles and policies concerned with sustainability of land development from an economic, ecological and social perspective.

**Courses:** PS47, PS48, BN31  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB614 URBAN AND RURAL DESIGN PRINCIPLES

This unit includes the following: the history of land development, especially urban land development, in Australia and in Queensland; the effects of technology and social attitudes on urban land development; the physical, economic and social determinants of land use; land development as an economic activity; economic and social benefits of land development controls; geometric layout of rural and urban roads for urban subdivisions; site analysis and assessment including traffic planning, storm water and sewerage systems; provision and location of services; controls affecting subdivisions including negotiations, applications, appeals and preparations for Court.

**Courses:** PS47, PS48 **Prerequisites:** PSB613  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB615 URBAN AND RURAL DESIGN PRACTICE

This unit includes further work on conventional and innovative subdivision design, integration of road and lot design with engineering works, especially drainage; subdivision designs and procedures for canal estates, industrial estates, group title, building units and other strata titles; costing and cash flow analysis for subdivision projects; feasibility studies; designing to a budget; preparation of a complete application for a local authority approval.

**Courses:** PS47, PS48 **Prerequisites:** PSB614  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB620 CADASTRAL SURVEYING AND MAPPING

This unit includes Land Title Systems, reinstatement: an explanation of the options of land title systems, with particular reference to customary land tenure, private deeds registration, public deeds registration, and registration of title. It also includes the following: an analysis of reinstatement of property boundaries as applicable to Queensland; undertaking of a field survey to reinstate the boundaries of a section in the Brisbane Metropolitan area; preparation of cadastral and detail survey plans for survey actions; the legal aspects of re-instatement of boundaries; case law associated with re-instatement; statutory requirements which relate to the zoning and development of land.

**Courses:** PS47, PS48  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB621 ADVANCED CADASTRAL SURVEYING

This unit includes the following: property rights as a method of resource control; creating and maintaining knowledge of property rights, including issues concerned with parcel identifiers, land tenure, land boundaries, land subdivision, land registration, changing rights through statutory changes, attitudes and responses of the public; evidence of property rights; evolution from customary land tenures to land registration systems, and factors leading to breakdown of systems; effects of technological change on land use, evolving property rights and obligations, and on information technology on land use controls procedures of the various departments including but not confined to, the Department of Lands, Resources Industries.

**Courses:** PS47, PS48 **Prerequisites:** PSB620  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB630 CARTOGRAPHY AND DIGITAL MAPPING

This unit includes digital data acquisition: types of digitisers and scanners; raster/vector conversions; digitising techniques; scanning problems; output devices; printers, plotters, scanner plotters, image setters. It also includes 3-D representation and precision plotting; conditions for orthogonality, conformality, equivalence and equidistance selection of suitable projection; construction of map projections

**Courses:** PS47, PS48  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB631 GEOGRAPHIC INFORMATION SYSTEMS 1

This unit investigates the basic concepts of geographic information systems. Topics to be covered include components of GIS, spatial databases, data acquisition, reference frameworks, use of photographs and images, spatial analysis and graphic output design issues.

**Courses:** PS47, PS48, PS78, PS79  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB632 PHOTOGRAMMETRY

This unit includes the following: basic elements of the photogrammetric mapping process; planning and execution of the project control for photogrammetry; mathematics for photogrammetry, geometry and use of a stereo model; space resection of a single photograph; aerotriangulation with independent method; block triangulation by bundle method GPS controlled photography; principles of plotting with a stereoplotter; rectification of photographs; acquisition of plan and height points, accuracy assessment; digital mapping and its relationship to Geographic Information Systems and remote sensing.

**Courses:** PS47, PS48  
**Prerequisites:** PSB631, PSB642  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB633 MAP PRODUCTION: PRINCIPLES AND PRACTICE

This unit includes the following: map design and production principles, production practice and publishing; reprographics and printing methods; desktop publishing, colour system for cartographic drawing; colour separation; grid and graticules, design layout; interactive mapping and layers; generalisation and symbolisation.

**Courses:** PS47, PS48 **Prerequisites:** PSB632  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB640 SURVEYING

This unit extends the theory and practice of PSB424 to provide a foundation in field instrumentation and survey computations; framework for acquisition of a high level of knowledge and practical competence in plane survey computations; use of optical and electronic theodolites, EDM and total electronic station systems; focus on collection/presentation of pre-design contour and detail spatial information.

**Courses:** PS47, PS48  
**Prerequisites:** PSB424 (PS47 only)  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB641 ENGINEERING SURVEYING

This unit includes the following: horizontal and vertical alignment for route surveys; areas, volumes and earthworks; surveying measurements and their assessment; propagation of variances; pre-analysis of survey tasks; least squares adjustment methods for various functional and stochastic models.

**Courses:** PS47, PS48 **Prerequisites:** PSB640  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB642 CONTROL SURVEYING AND ANALYSIS

This unit includes the following: reconnaissance for geodetic surveys (formulate mathematical models for the solution of linear and non-linear positioning in one, two and three dimensions); geodetic observations techniques and reduction of observations; the three classical methods of geodetic surveying, triangulation, trilateration and traversing; precise levelling including instrument testing; properties of the meridian ellipse; radii of curvature, meridian arc; spheroid as a geodetic reference surface, latitude, longitude, geoid separation and ellipsoidal height; mutual conversion of geodetic and Cartesian coordinates.

**Courses:** PS47, PS48  
**Prerequisites:** PSB641, MAB730  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB643 GEODESY

This unit includes the following theory: concept and classification of geodesy, the basic concepts of the earth's gravity field; level surfaces and plumb lines heights, geoid, mean sea level, spherical harmonics etc; fundamentals of satellite geodesy; reference coordinate systems. It considers GPS positioning models and algorithms; software; GPS field observing; various GPS applications in geomatics; mapping terms and definitions; the mapping problem; principles for deriving projections; the use of skew graticules; the UTM system

**Courses:** PS47, PS48 **Prerequisites:** PSB642  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB644 ADVANCED GEODESY

This unit includes the following theory: GPS operation and navigation messages; GPS observable and error budget; differencing techniques; GPS positioning models and algorithms; software; GPS field observing; static, kinematic, RTK and various GPS applications in geomatics. It includes practicals on GPS Network

**Courses:** PS47, PS48 **Prerequisites:** PSB643  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB645 SURVEYING AND MAPPING PRACTICE

This unit includes the following: field surveys for DTMs as-constructed surveys, associated speci-

cations and standards; mining surveying for surface and below surface mining activities; hydrographic surveying for exploration and port management.

**Courses:** PS47, PS48 **Prerequisites:** PSB642  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB650 PROJECT 1

(1) Students study an existing approved unit from within the School, Faculty or University. Students study the chosen unit under the above elective code. Or (2) Students study a special topic of interest such as a series of lectures delivered by a specialist in that field, in which case a unit outline will be prepared and issued before the commencement of that unit. Students study under the above elective code. Or (3) In the case of an approved stream of study, students may be allowed to enrol in the code of the unit being taken.

**Courses:** PS47, PS48 **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB651 PROJECT 2

(1) Students study an existing approved unit from within the School, Faculty or University. Students study the chosen unit under the above elective code. Or (2) Students study a special topic of interest such as a series of lectures delivered by a specialist in that field, in which case a unit outline will be prepared and issued before the commencement of that unit. Students study under the above elective code. Or (3) In the case of an approved stream of study, students may be allowed to enrol in the code of the unit being taken.

**Courses:** PS47, PS48 **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB652 TOPICS IN LAND ADMINISTRATION

Students study topics in land administration delivered by a specialist in that field. A unit outline will be prepared and issued before the commencement of that unit.

**Courses:** PS47, PS48  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB653 TOPICS IN SURVEYING ENGINEERING

Students study a special topic in Surveying Engineering delivered by a specialist in that field.

**Courses:** PS47, PS48  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

#### ► PSB654 TOPICS IN SPATIAL INFORMATION SCIENCE

Students study Spatial Information Science through a series of lectures delivered by a specialist in that field.

**Courses:** PS47, PS48, PS78, PS79  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSB655 REMOTE SENSING

This unit includes the following: history and principals of remote sensing; types of imagery, image interpretation, satellite systems; supervised and unsupervised image classification; interpretation, analysis and presentation of data; applications in the earth sciences.

**Courses:** PS47, PS48, PS78  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

#### ► PSN211 RESEARCH PROJECT 1

In this unit students understand and demonstrate relevant research skills and their effective application in a project of genuine substance and significance. Each student undertakes a research project in one of the elected specialisations: Landscape design, planning, theory, practice, management. Each student is assigned to a supervisor approved by the Course Coordinator. Supervisors provide guidance on the selection of topic, investigation and research, and preparation of the proposals and submission. Research Project 1 incorporates advanced Information Retrieval Skills. The output is a proposal for the specific Research Project which outlines the relevant base theory, and clearly communicates the potential extent of the Research Project.

**Courses:** BN73, DB69, DB73, PS71  
**Contact hours:** 3 per week **Credit points:** 12

**Campus:** GP**Sem:** 1, 2**► PSN212 RESEARCH PROJECT 2**

This unit ensures the understanding and demonstration of relevant research skills and their effective application in a project of genuine substance and significance. Each student undertakes a Research Project in one of the elected specialisations: Landscape Design, Landscape Planning, Landscape Theory, Landscape Practice, Landscape Management. Each student is assigned to a supervisor approved by the Course Coordinator. In general, the supervisor provides guidance on the selection of topic, investigation and research, and preparation of the proposals and submission. Research Project 2 requires the completion, communication and presentation of the research project to professional standard.

**Courses:** BN73, PS71, DB73**Prerequisites:** PSN211**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PSN213 SPECIALISATION**

This unit ensures personalised study which will support the student's elected specialisation and contribute directly to the better understanding of the Research Project topic. Students undertake study to develop specialised knowledge and skills related to the specific specialisation and supporting the direction of the proposed research project topic. Study may be taken from specific programs offered by the school, or from advanced units within the university or, where appropriate, through another university or through specialist studies offered by staff in their areas of expertise and approved by the Head of School on the recommendation of the student's supervisor.

**Courses:** PS71,**Prerequisites:** Completion of any prescribed qualifying units.**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PSN214 ELECTIVE**

This unit allows the development of depth in understanding of issues related to the elected specialisation. The school may offer specific programs in areas of specialisation or students elect unit/s from within the university or, where appropriate, from other universities and approved by the Head of School on the recommendation of the student's supervisor that will give breadth and/or depth within the student's specialisation.

**Courses:** PS69, PS70, PS71**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PSN221 ADVANCED SPECIALISATION**

The student develops further the approved specialised topic. Students may apply for approval for a specific Advanced Specialisation utilising unit offered elsewhere in QUT or at another tertiary institution which must, for approval, be an extension of the specialisation studied in PSP510 Specialisation in an earlier semester. The Advanced Specialisation is normally linked to the PSN212 Research Project II. Areas of specialisation are regional and local development, urban housing and community development, urban design, environmental and resource planning or a special topic.

**Courses:** PS70**Contact hours:** 3 per week **Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PSP261 LANDSCAPE CONSTRUCTION 1**

This unit includes the following: introduction to basic equipment for site measurement recording of field data and the preparation of measured site drawings from recorded data; definition of terms; structural units and types of structures; loadings and types (including wind loading); manual techniques of land surface manipulation; development of understanding of the properties of common construction materials; built elements and their application in landscape construction; appropriate techniques for preparation of construction documents; costing of development types.

**Courses:** PS66, PS71**Credit points:** 12**Campus:** GP **Sem:** 1**► PSP262 COMMUNICATION AND PRACTICE 1**

This unit addresses the concept of professionalism and contemporary social expectation of the profession: time and percentage measurement and costing related to the professional services of promotion, obtaining commissions, allocating time and resources to project, the use of consultants, and units of management; a review of the Australian and Queensland Acts, Local Authority By-laws, and regulations of statutory authorities as they affect the profession; legal aspects of land and land transfer; planning, land use, and construction regulations; an overview of environmental law; formal writing and oral communication techniques and visual communication.

**Courses:** PS66, PS71**Credit points:** 12**Campus:** GP **Sem:** 1**► PSP263 LANDSCAPE ECOLOGY**

This unit includes the following: structural relationships of spatial elements within land mosaics from continental to landscape scales as interpreted using maps, air photography and remotely sensed images; dynamic process, both natural and human; fundamental principles of plant anatomy and physiology, plant identification, plant growth and development, sexual and vegetative propagation; dynamics of individual organisms, populations, communities, functional groups, ecosystems and biomes.

**Courses:** PS66, PS71**Credit points:** 12**Campus:** GP **Sem:** 1**► PSP264 SPATIAL DESIGN THEORY**

This unit includes the following: theories, values, rationales, and philosophies of place; design processes and dimensions; imageability and liveability factors; the role of context (natural, social, aesthetic) in site and urban development; exploration of open space and place theory at regional to local scales; theories of user/place relationships and the study of human functioning in environments; concepts of culturally and physically inclusive livespace and behaviour settings; techniques for the assessment or evaluation of the environment including observational techniques and the application of these ideas through the use of case studies, exercises, and personal experience in daily life.

**Courses:** PS66, PS71, PS75 **Credit points:** 12**Campus:** GP **Sem:** 1**► PSP265 LANDSCAPE CONSTRUCTION 2**

This unit includes the following: introduction to basic equipment for site measurement; recording of field data and the preparation of measured site drawings from recorded data; definition of terms; structural units and types of structures; loadings and types (including wind loading); manual techniques of land surface manipulation; development of understanding of the properties of common construction materials and built elements and their application in landscape construction; appropriate techniques for preparation of construction documents; costing of broad development types.

**Courses:** PS66, PS71 **Credit points:** 12**Campus:** GP **Sem:** 1**► PSP266 COMMUNICATION AND PRACTICE 2**

This unit includes the following: introduction to basic equipment for site measurement; recording of field data and the preparation of measured site drawings from recorded data; definition of terms; structural units and types of structures; loadings and types (including wind loading); manual techniques of land surface manipulation; development of understanding of the properties of common construction materials and built elements and their application in landscape construction; appropriate techniques for preparation of construction documents; costing of broad development types.

**Courses:** PS66, PS71**Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PSP268 SITE PLANNING**

This unit includes the following theory: introduction to the processes of site planning and detailed site design; role and objectives of survey and analysis phases; types of information required and the methods of processing the resultant data;

data analysis, its scope and documentation. It also includes the use of data analysis to generate and evaluate possible problem solutions in conceptual form as a basis for strategic and master planning and the value of these processes as a long term mechanism for adaptation of master planning to meet changing needs. It involves the application of site planning principles and theory for different scales and types of projects.

**Courses:** PS66, PS71**Credit points:** 12**Campus:** GP **Sem:** 1, 2**► PSP269 ADVANCED CONSTRUCTION AND PRACTICE 1**

This unit includes the following: the theory and techniques involved in a large range of landscape construction; the types of documentation used for the implementation of landscape works; computer aided drafting systems; principles of contract law, forms and requirements of contracts; principles of marketing, client analysis and promotion.

**Courses:** PS66, PS71**Credit points:** 12**Campus:** GP **Sem:** 1**► PSP270 ELECTIVE**

The profession of landscape architecture is increasingly characterised by the breadth of activities in which its practitioners engage. Therefore, there is a need to provide mechanisms within the course for some specialisation in particular directions in addition to ensuring the acquisition of core competencies required for professional accreditation. This unit is intended to provide that flexibility. A number of cross disciplinary specialisations are offered such as social and environment planning, contemporary art issues and virtual environments.

**Courses:** PS66, PS71, PS77**Campus:** GP **Sem:** 1**► PSP271 ADVANCED LANDSCAPE DESIGN 1**

This unit addresses contemporary theories of urban design as they affect the range of urban landscapes from residential to inner city and emerging theories and concepts of regional and local economic development as they relate to sustainable landscapes in terms of living and working environments. It involves the application of theoretical frameworks to the studio project that explores design or re-design of selected aspects of the urban environment, residential environments and broader urban issues of the contemporary urban context. Expectations of an advanced level of professional presentation will attach to the project output.

**Courses:** PS66, PS71**Credit points:** 12**Campus:** GP **Sem:** 1**► PSP272 ADVANCED CONSTRUCTION AND PRACTICE 2**

This unit includes the following: the theory and techniques involved in the wide range of landscape construction; the types of documentation used for the implementation of landscape works; computer aided drafting systems; the principles of contract law, forms and requirements of contracts; the principles of marketing, client analysis and promotion.

**Courses:** PS66, PS71**Credit points:** 12**Campus:** GP **Sem:** 2**► PSP273 LANDSCAPE PLANNING**

This unit includes the theoretical framework of landscape planning: relevant theories, methods, and techniques for application in the landscape planning process. It also includes computer modelling: types of GIS; potentials and problems, and current issues and advanced landscape ecology; structure of landscapes; impacts of human settlement. Studies include medium to large scale projects involving a range of biophysical, cultural, and visual issues with a relatively high degree of complexity. The focus is on assessment and evaluation of related landscape attributes and issues with emphasis on deriving landscape management options in the form of environmental plans, policies, guidelines, and implementation strategies.

**Courses:** PS66, PS71**Credit points:** 12**Campus:** GP **Sem:** 2

**► PSP274 ADVANCED LANDSCAPE DESIGN 2**

This unit considers cultural values and provides the theoretical background to an understanding of how cultural values influence place making through interpretations of place and the cultural landscape. Advanced Landscape Design 2 is the last design unit in the course. The studio project focus of this unit provides the opportunity to develop a graduating landscape design project of the highest standard. The project explores broad scale landscape design and strategic planning and planning guidelines as well as detailed design at a fine scale.

**Courses:** PS66, PS71 **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PSP275 INTRODUCTORY DESIGN AND GRAPHICS**

The modules in this unit introduce a basic understanding of design and perception theory, free-hand and technical graphics necessary for meaningful participation in professional core studies. By the end of this unit students are expected to understand basic concepts of perception and basic design techniques and theories, and to develop a design appreciation, design awareness, and a design vocabulary. They should also develop an initial proficiency in freehand and technical drawing an understanding of basic drawing conventions and processes, and adequate basic skills to generate confidence for individual progress with style and technique in later study.

**Courses:** BN73, DB69, DB73, PS69, PS69, PS71, PS75, PS76, PS77  
**Credit points:** 12  
**Campus:** GP **Sem:** 3

**► PSP311 PROFESSIONAL PRACTICE MANAGEMENT**

This unit includes business communication including letters, report writing, correspondence and administration for surveying projects; oral communication involving interviews, meetings, workshops and seminar presentations; office management, business operations and finance; small business and the law including trade practice, contract, taxation, employment and workplace and safety legislation; professional ethics; professional bodies; the Surveyors Act and Regulations; disciplinary procedures; relationships, clients and marketing; survey integration and aspects of change in the practice of surveying.

**Courses:** PS68, PS73, PS74  
**Contact hours:** 42 **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PSP314 BOUNDARY DEFINITION SURVEYS 1**

This unit includes the following: land registration requirements; Cadastral history, field procedures and records; reinstatement theory and practice related to urban and rural boundaries; field survey work involving the redefinition of urban and rural boundaries; office reinstatement exercises of increasing complexity to develop the necessary skills in assessing various types of survey problems. The unit requires office completion of project work including plan preparation using appropriate computer technology.

**Courses:** PS68  
**Contact hours:** 42 **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PSP316 SURVEY COMPUTING AND PROCESSING**

Students completing this unit should understand and be able to use the following: the DOS operating system and computer programming; word processing; project management, spreadsheets; programmable calculators for field use; surveying and drafting packages; management and technical applications.

**Courses:** PS68, PS73, PS74  
**Contact hours:** 42 **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PSP317 PROPERTY DEVELOPMENT SURVEYS**

This unit offers an examination of the legislation involved with property development surveys. It involves detailed consideration of urban and rural subdivision design and requirements, procedures involved with rezoning and subdivision applica-

tions, detailed consideration of building units and group titles developments, and considerations of multiple use development.

**Courses:** PS68 **Credit points:** 12  
**Contact hours:** 42 **Sem:** 1  
**Campus:** GP

**► PSP323 PROJECT SITE SURVEYS**

This unit includes the following: detail surveying (methods, equipment, data requirements and data transfer); preparation of specifications and estimates of costs; detail survey field project work; processing of field data, report and plan presentation; types of construction and building control surveys and preparation of plans and specifications; inspection of building construction sites; receipt of instructions, documentation and communication with contractors; field procedures including high precision survey and error adjustment techniques involved with construction and building control surveys and construction site set out calculations.

**Courses:** PS68, PS73, PS74  
**Contact hours:** 42 total **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PSP326 GIS AND GPS**

This unit includes project work involving the total assessment, planning, costing and preparation of specifications for a comprehensive mapping task. It includes consideration to GPS theory and practical application of the methods to conventional surveying, and consideration of LIS/GIS Technology and its practical application in conventional surveying practice.

**Courses:** PS68, PS73, PS74  
**Contact hours:** 42 **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PSP327 ENGINEERING SURVEYING**

This unit includes the assessment of available technology, configuration of measuring systems and recording of data; project definition and preparation of specifications including field methodology, documentation requirements of field records and determination and assessment of results; management of engineering survey projects including determination of costing, preparation of submissions, working with other professionals and dealing with on-site variations; consideration of specific requirements related to long-line survey control, road surveys, flood surveys, curves and batter staking and other marking for construction and road design.

**Courses:** PS68  
**Contact hours:** 42 **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PSP328 BOUNDARY DEFINITION SURVEYS 2**

Reinstatement exercises in this unit become increasingly more complex and difficult. Field survey project work associated with difficult boundary definition and field survey project work associated with boundary definition for easement surveys and mining lease surveys is included.

**Courses:** PS68  
**Contact hours:** 42 **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PSP329 URBAN DRAINAGE FOR SURVEYORS**

This unit allows the student to define problems and identify, evaluate, select and apply drainage problem solving skills and techniques in the design and management of an urban subdivision. The unit includes a revision of hydrostatics and flow concepts, rainfall and run-off concepts, urban and street drainage design, and the preparation of a drainage design and specifications for a small (eg 20 Lot) urban subdivision.

**Courses:** PS68  
**Contact hours:** 42 **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PSP330 PROFESSIONAL PRACTICE MANAGEMENT 2**

This unit allows the student to apply principles involved in the running of a surveying practice such as project management, self-management and quality assurance. It includes planning and organisation, business practices, human resource management, subordinate training, project man-

agement and self-management principles, quality assurance principles, project implementation.

**Courses:** PS68 **Prerequisites:** PSP311  
**Contact hours:** 42 **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PSP451 PRODUCTION AND USE OF THE BUILT ENVIRONMENT**

This unit investigates the roles and combined effects of the initiators of the built environment, in the public, private and community sectors. The aim of the unit is to provide a synthesised understanding of how the city is created by the priorities and approaches of a variety of professionals, political decision-makers and informal participants. The property, finance and construction industries, the legal and administrative system, the roles and cultures of key professions (including property management, valuing, business, engineering, surveying, planning, architecture, landscape architecture). Urban design techniques such as charrettes and action planning workshops are included.

**Courses:** BN73, PS69, DB73, DB69  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 2

**► PSP452 URBAN DESIGN STUDIO A**

This unit includes the analysis of urban issues in a particular area, and the formulation of appropriate urban design proposals. Issues may include obsolescence, sense of place, conservation, infill, and the dynamism of local, regional, national and global contexts. Methods of urban design guidance, development briefing, and control through regulations and incentives are investigated and skills in urban analysis related to the urban design process and effective communication of the results are developed. Where applicable, the unit incorporates field work, work in other units of the course, and joint or complementary projects with other courses in the Faculty.

**Courses:** BN73, PS69, DB73, DB69  
**Contact hours:** 6 per week **Credit points:** 24  
**Campus:** GP **Sem:** 2

**► PSP453 URBAN SYSTEMS AND THE PHYSICAL ENVIRONMENT**

This unit includes the following: the relationship between the urban system and the physical environment; urban services including water, sewerage, drainage, power, telecommunications, transport; controlling authorities, service delivery bodies, planning requirements and controls relevant to urban design; community services relevant to health, safety and welfare; urban design issues relating to pollution, congestion and mobility. This unit draws, in part, on PSP504 Urban Systems and Infrastructure (GDURP program).

**Courses:** BN73, PS69, DB73, DB69  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1

**► PSP510 SPECIALISATION**

The student undertakes a supervised program of study in an approved selected field. The student may choose from a limited list of approved fields, depending on staff expertise and availability. Students may apply for approval for a specific specialisation utilising units offered elsewhere in QUT or at another tertiary institution which must, for approval, also lead on to an Advanced Specialisation if they are enrolled in PS70. Students normally choose a specialisation which relates to their intended research project. Areas of specialisation are regional and local development, urban housing and community development, urban design, environmental and resource planning, or a special topic.

**Courses:** BN73, PS70, PS72  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** GP **Sem:** 1, 2

**► PUB104 INTRODUCTION TO HEALTH SERVICES MANAGEMENT**

This is an important unit for students entering or planning to enter the health industry as it is designed to give a broad overview of systems of health care in Australia and their methods of operation. This unit introduces the role of health service managers as members of the health care team, the basic principles of health service management in health care facilities and beyond, and the functions of health service managers.



**Courses:** HL46, IF47, PU40, PU43, NS45  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

#### ► PUB105 INTRODUCTION TO FAMILY STUDIES

This introduction to the social sciences (Sociology, Psychology and Anthropology) underpins the study of the family, and their relationship to the wellbeing of individuals and families.

**Courses:** ED50, ED90  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB107 SUSTAINABLE ENVIRONMENTS FOR HEALTH

The practice of environmental health has always been concerned with the study of the human environment interface and in particular the quest for developing sustainable environments for health. This unit outlines what environmental health is and describes the major issues impacting on a sustainable future. Topics include the National Environmental Health Strategy, ecology and ecosystems, sustainable development, air pollution, food safety, water and sanitation, waste and contaminated land, Indigenous health, built environment, risk assessment and global environmental health issues.

**Courses:** ED50, ED90, HL46, IF47, IF87, PU40  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB108 INFORMATION MANAGEMENT FOR HEALTH

This unit gives an introductory overall view of the field of health information and its management. As well as being of general interest to health professionals, the unit provides a context for the study of contemporary health information and data management practice. The use of information as a strategic, organisational and management resource is highlighted, and a broad appreciation of information and data management procedures and philosophy are provided. Demands on health information managers occasioned by advances in information technology are highlighted.

**Courses:** PU40  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB113 DESIGN AND TECHNOLOGY

Technology and design are an integral part of the practice of Home Economics, facilitating effective responses to challenges in the contexts of food, locales and living environments. Personal understanding of and experience with design, creativity, research and innovation are needed to participate productively and sensitively within local and global communities.

**Courses:** ED50, ED90  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB118 COMPUTER SYSTEMS FOR HEALTH MANAGEMENT

The technology infrastructure is impacting on the business of delivering health care services. An understanding of information concepts and frameworks for assessing computers and information systems assists the student to realise the potential for using technology to more effectively manage information as a resource. This unit aims to provide an introduction to systems analysis and development. It explores the various technology platforms available (including telecommunications, and the Internet) and develops data organisation and management skills relevant to systems within the health industry context.

**Courses:** PU40  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB180 FOUNDATIONS OF PARAMEDIC PRACTICE 1

This unit is an introduction to ambulance practice and the role of paramedics within the health care spectrum. It prepares students for the first clinical practice unit. Topics include the following: the history, evolution, culture and development of ambulance services on a national and international level; the structure, function, policies and procedures of the Queensland Ambulance Ser-

vice; the role of the ambulance service in a multidisciplinary and integrated approach to health care; the relationship between field care and in-hospital definitive care; and basic ambulance care including initial assessment, planning and implementing basic procedures, and equipment. The unit includes a structured observer program.

**Courses:** PU46 **Credit points:** 12  
**Campus offered:** KG **Sem:** 1

#### ► PUB201 FOOD AND NUTRITION

This unit includes the following: introduction to the history of food and nutrition in Australia; the food system, the food supply; proteins, carbohydrates, fats, vitamins and minerals; food grouping systems; dietary guidelines; the recommended dietary intakes; nutrition through the life cycle; food and nutrition problems; nutrition as a public health issue; international nutrition issues.

**Courses:** ED50, ED90, HL42, HL46, PU40, PU43  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► PUB203 PRIMARY HEALTH CARE

This unit introduces students to the principles, strategies and practice of primary health care with special reference to community, family and workplace settings. The importance of health promotion, prevention, empowerment and intersectoral collaboration in primary health care is examined.

**Courses:** NA80, PU40  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 2

#### ► PUB209 HEALTH, CULTURE AND SOCIETY

This unit is concerned with the social and cultural dimensions of health and illness and how they relate to health status and patterns of behaviour. The unit introduces students to thinking about health from sociological and anthropological perspectives, drawing on relevant concepts and theory to examine selected public health issues. Identifying and addressing social and cultural factors that shape people's health experiences of health, illness and health systems are integral parts of public health practice in terms of reducing health inequalities, delivering appropriate services, and ultimately improving population health outcomes.

**Courses:** ED50, ED90, HL46, IF47, PU40  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► PUB220 MEDICAL TERMINOLOGY

This unit explores the language of medicine and analyses medical terms into Latin and Greek word roots, prefixes, suffixes and combining forms. Medical terms which relate to specific body systems are defined, spelled and pronounced accurately. Common abbreviations and symbols used in medicine are identified. Abstracts from patient records are explained and interpreted in non-technical language.

**Courses:** IF85, PU40  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB251 CONTEMPORARY PUBLIC HEALTH

This unit provides an introduction to the philosophy and approach of public health; the traditional public health process; the multidisciplinary nature of public health; health policy and its impact on public health; some recent reformulations of traditional public health approaches including health promotion and intersectional action for health and healthy public policy. The role of public health in Australia and overseas, its main discipline components and some of the constraints faced by public health is addressed. The unit also deals with groups with special needs and contemporary issues.

**Courses:** ED50, ED90, HL42, HL43, HL46, IF47, IF85, NA80, NS45, PU40, PU43, BO-ralHlth  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1, 2

#### ► PUB270 PARAMEDIC CLINICAL PRACTICE 1

This unit is the first in a series of supervised clinical practice units. Topics include the following: assessing, diagnosing, planning, implementing and evaluating patient care in the out of hospital phase; effective scene management including logistics, safe access and egress, and patient extrication techniques; written and oral communication including patient interviews, radio procedures, writing ambulance report forms and patient handover at hospital. The placement is six weeks and provides a transition from observer to operational ambulance crew member under the supervision of a qualified paramedic mentor.

**Courses:** PU46  
**Prerequisites:** LSB282, PUB280, PYB111, QAS emergency driver education, health related fitness assessment

**Credit points:** 12 **Sem:** 3

#### ► PUB280 FOUNDATIONS OF PARAMEDIC PRACTICE 2

This unit follows on from PUB180 and further develops core clinical skills and expertise in the use of ambulance equipment. Topics covered include the following: monitoring basic patient care and modifying as required; handing over a patient requiring basic ambulance care; the use of ambulance equipment including ambulance vehicles and patient care equipment; health and safety legislation, policies and procedures; and the attributes of a paramedic eg compassion, accountability, respect, ethical practice, responsibility and sensitivity. The unit includes a structured observer program for students.

**Courses:** PU46 **Prerequisites:** PUB180  
**Campus offered:** KG **Sem:** 2

#### ► PUB308 ENVIRONMENTAL HEALTH FUNDAMENTALS

This unit builds upon introductory studies in environmental health and the physical sciences by applying their principles to the prevention of disease and the protection and maintenance of public health and safety. This 'theory to practice' is applied in the specific environmental health practice areas of water treatment, sewage management, dangerous goods management, and construction.

**Courses:** IF87, PU40  
**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** CNB171 and PUB403  
**Campus:** KG **Sem:** 1

#### ► PUB312 HOME ECONOMICS CURRICULUM STUDIES 1

This unit provides students with a range of understandings and processes for analysing, interpreting and managing home economics classrooms in order to maximise learning. Long and short term planning is explored with an emphasis on planning, implementing and evaluating lessons using a variety of strategies, resources and techniques. The nature of home economics and how this is manifested in curriculum documents are examined.

**Courses:** ED50  
**Prerequisites:** 48 credit points in relevant discipline area  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► PUB321 TEXTILE STUDIES

In this unit, scientific understandings, social issues, production techniques and the aesthetic aspects of textiles are explored. These are applied to individual textile projects.

**Courses:** ED50, ED90  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► PUB322 HOME ECONOMICS CURRICULUM STUDIES 2

This unit encourages students to make independent judgements about home economics curriculum decision-making, within syllabus guidelines and broader systems policies concomitant with national and international trends in education and society. Students are given the opportunity to explore current issues and emerging and future trends in home economics and to develop a confident approach to school-based curriculum de-

velopment. Advanced teaching strategies and current assessment procedures are developed.

**Courses:** ED50 **Prerequisites:** PUB312  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB326 EPIDEMIOLOGY

Epidemiology is the core scientific method of public health. It is the study of the distribution of health and disease in the population and includes research into causes of disease and the effectiveness of public health programs. Epidemiological methods are used to generate the evidence-base for clinicians, health promotion specialists, health educators, occupational and environmental health officers and health service managers.

**Courses:** PU40, PU43, HL42, HL43, HL46, IF47, IF85, IF87, NS45  
**Prerequisites:** PUB251  
**Contact hours:** 3 per week  
**Credit points:** 12 **Incompatible with:** PUB314  
**Campus:** KG, EXT **Sem:** 1

#### ► PUB329 FOUNDATIONS OF HEALTH STUDIES AND HEALTH BEHAVIOUR

The foundations of the discipline of health education, its theoretical framework and concepts of models of health, health education and health promotion are examined. Theories of change are analysed in their application to health education and health promotion practice for a range of professionals, including teachers.

**Courses:** ED50, ED90, HL46, PU40, BOralHlth  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB336 WOMEN'S HEALTH

This unit explores the data and current health issues related to women's health and critically evaluates health-related policies, systems and practices in terms of their impact on women's health, internationally and in Australia. The social, economic, cultural and political influences on women's health, and the specific needs of sub-populations of women are examined.

**Courses:** ED50, PU40  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► PUB339 PODIATRIC MEDICINE 1

This unit provides an introduction to clinical, theoretical and professional aspects of podiatry practice. Students entering the unit begin the transition to the unique and challenging role of clinician, as well as continuing academic learning. Students are required to apply previous background knowledge, ie advanced anatomy, biochemistry, etc, in the clinical setting. Student are also involved in the care of patients attending the University Clinic. The unit is particularly designed to encourage the development of essential graduate skills such as a self-directed approach to learning, the ability to work as part of a team and the ability to engage in peer review.

**Courses:** PU43, HL43  
**Prerequisites:** LSB235, LSB475  
**Contact hours:** 16 (including clinic work)  
**Credit points:** 12 **Incompatible with:** PUB324  
**Campus:** KG **Sem:** 1

#### ► PUB341 NUTRITION EDUCATION

This unit explores the history and philosophy of nutrition education as well as its theoretical basis. Students develop skills in the development, implementation and evaluation of nutrition education programs for particular target groups. They are introduced to a range of nutrition education programs currently underway as well as policy underpinning these. There is an opportunity to develop a real world example.

**Courses:** ED50, PU40, PU43  
**Prerequisites:** PUB201  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB343 HOME ECONOMICS CURRICULUM STUDIES 1

This unit explores the nature of Home Economics, its contribution to the broader goals of schooling and the unique features that characterise Home Economics teaching and learning. It links discipline studies, curriculum studies, and field experiences.

**Courses:** ED90

**Prerequisites:** 36 credit points Home Economics Discipline Studies

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB355 HOSPITALITY STUDIES

The use of relevant management principles, safe and hygienic work practices, effective communication skills, the mastery of techniques in food production and presentation associated with vocational education and industry are explored in this unit.

**Courses:** ED50, ED90  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► PUB356 CLINICAL CLASSIFICATION

This unit introduces the development of skills in one of the major specialties of health information management: clinical classification of diseases and procedures using the International Classification of Diseases, 10th Revision, Australian Modification (ICD-10-AM). Clinical classification responds to internal and external demands for medical information, for example, in-house research and education, ABS, hospital morbidity data collections, and casemix information systems.

**Courses:** IF85, PU40  
**Prerequisites:** PUB220, LSB142, LSB361 or LSB475

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► PUB361 TEXTILES 2

An understanding of textile consumer issues is developed by studying theoretical and scientific explorations, production practices and creative processes in relation to critiquing and designing textile articles.

**Courses:** ED50, ED90 **Prerequisites:** PUB321  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB380 CASEMIX MANAGEMENT

Casemix is used to describe and analyse the activity and outputs of health care services and provides an important source of information for decision-making by a range of health care professionals. This unit provides an overview of the history and development of casemix classification systems; the structure of DRGs; casemix applications in quality improvement, utilisation review, costing, planning and management; casemix and funding health care services; casemix classification systems for acute inpatients; data quality issues; casemix grouping software, current initiatives and applications.

**Courses:** IF47, IF85, NS45, PU40  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB390 PARAMEDIC MANAGEMENT OF MEDICAL AND SURGICAL EMERGENCIES A

This unit covers some of the most common medical and surgical emergencies seen in ambulance practice. Topics include the epidemiology, prevention, integrated and definitive care, pathophysiology, assessment, clinical management and rehabilitation of patients suffering cardiovascular, respiratory and neurological disease. Theory is presented on campus and experience is gained in a hospital environment under the supervision of clinical educators.

**Courses:** PU46  
**Prerequisites:** LSB282, PUB280  
**Corequisites:** LSB382  
**Credit points:** 12 **Campus offered:** KG

#### ► PUB391 PARAMEDIC MANAGEMENT OF MEDICAL AND SURGICAL EMERGENCIES B

This unit covers some of the most common medical and surgical emergencies seen in ambulance practice. Topics include the epidemiology, prevention, integrated and definitive care, pathophysiology, assessment and clinical management of patients suffering genitourinary, metabolic, endocrine and gastrointestinal disease. Theory is supplemented by simulation and scenario based activities under the supervision of clinical educators.

**Courses:** PU46

**Prerequisites:** LSB282, PUB280

**Corequisites:** LSB382

**Credit points:** 12 **Campus offered:** KG

#### ► PUB398 HEALTH INFORMATION SERVICES

This unit aims to provide students with an understanding of the potential brokerage of health information services their expertise may provide. In addition to coverage of hospital-based information services, other processes and systems such as health terminologies and classifications, statistical reporting to health authorities, form design and management and information management in other settings (eg primary care, subacute and non-acute) provide exposure to a broad range of applications supported by health information services.

**Courses:** PU40, IF85  
**Prerequisites:** Completed 96 credit points and background knowledge of the health care system  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

#### ► PUB405 NUTRITION SCIENCE

Nutrition Science examines a range of nutrient components in our food supply, including the biochemical pathways and physiological effects in the body, possible health implications of deficiency or toxicity and important dietary sources. It integrates nutritional knowledge with the science of biochemistry and clinical physiology and provides the foundation on which further studies in nutrition can be built.

**Courses:** HL42, PU40, PU43  
**Prerequisites:** LSB308, PUB201  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► PUB406 HEALTH PROMOTION STRATEGIES

This unit ties together the fundamental health promotion knowledge and constructs covered in earlier units in the Public Health subject area. It builds upon this basis to introduce students to the range of strategies available to a health promotion practitioner. The unit promotes an appreciation of the strengths and weaknesses of different approaches, as well as related administrative factors. Students undertake a small health promotion project in groups of 3-4 students. This is an essential field of study for students who wish to work in a health promotion or related field.

**Courses:** HL46, PU40 **Prerequisites:** PUB251  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

#### ► PUB416 RESEARCH METHODS

An understanding of research methods is essential in the training of all Public Health professionals. This unit explores quantitative methods in a variety of health research projects, examining conceptualisation of research questions and hypotheses, core elements of experimental and quasi-experimental designs, and various approaches to the collection, management and analysis of quantitative data. The unit has a practical focus for students who are considering conducting research as well as those interested in deeper appreciation of implementation behind published research results.

**Courses:** HL46, IF87, PU40, PU43  
**Prerequisites:** PUB314 or PUB326  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

#### ► PUB437 PHARMACOLOGY

This unit is designed to ensure students understand the basic drug therapies their patients may be using, the groups of drugs used for specific diseases, and their application and relevance to podiatry. Emphasis is placed on drug groups and their use for specific disease, rather than proprietary brands. Students learn to recognise the drug groups and know the system they are acting on in the body. In addition, differentiation between the different categories within one group of systemic drugs and why they are used for a condition is emphasised, along with discussion of contraindications and drug interactions.

**Courses:** PU43, HL43  
**Prerequisites:** LSB275, LSB451, LSB475  
**Corequisites:** PUB438  
**Contact hours:** 3 per week **Credit points:** 12



**Incompatible with:** PUB525**Campus:** KG**Sem:** 2**► PUB438 MEDICINE**

Following completion of this unit, students should be able to recognise and understand the clinical features, pathogenesis and significance of common conditions affecting the lower limbs. For example oedema, obesity, motor, sensory and trophic disturbances and their resultant effects in paralysis, ataxia, deformity and ulceration, intermittent claudication, vascular spasm and cramp are taught so as to emphasise their significance. Medical conditions with manifestations in the feet are given particular attention.

**Courses:** PU43, HL43**Prerequisites:** LSB451, LSB475**Corequisites:** PUB437**Contact hours:** 3 per week **Credit points:** 12**Incompatible with:** PUB523**Campus:** KG**Sem:** 2**► PUB439 PODIATRIC MEDICINE 2**

Following completion of this unit, students should be able to recognise and understand the clinical features, pathogenesis and significance of common conditions affecting the lower limbs. For example oedema, obesity, motor, sensory and trophic disturbances and their resultant effects in paralysis, ataxia, deformity and ulceration, intermittent claudication, vascular spasm and cramp are taught so as to emphasise their significance. Medical conditions with manifestations in the feet are given particular attention.

**Courses:** PU43, HL43 **Prerequisites:** PUB339**Corequisites:** PUB437, PUB438**Contact hours:** 15 (includes clinic work)**Credit points:** 12 **Incompatible with:** PUB424**Campus:** KG**Sem:** 2**► PUB450 PARAMEDIC MANAGEMENT OF TRAUMA EMERGENCIES**

This unit covers some of the most common traumatic emergencies that a paramedic attends in ambulance practice. Topics include the epidemiology of trauma, the controversies of trauma management, neurotrauma, spinal cord injury, chest and abdominal trauma, pelvic and limb trauma, trauma in the elderly, wound ballistics, and shock and fluid resuscitation. Theory is supplemented by simulation and scenario-based activities while supervised by clinical educators.

**Courses:** PU46**Prerequisites:** LSB382, PUB280**Credit points:** 12 **Campus offered:** KG**► PUB461 QUALITATIVE INQUIRY IN PUBLIC HEALTH**

Qualitative methods are essential to generate knowledge of people's lived experiences, the meanings they ascribe to them, and to the social dimension of health. The nature and complexities of many public health problems require a mix of research methods and the contributions of qualitative inquiry are increasingly recognised. The practical skills acquired in this unit can be applied to a range of public health works, including community-based program evaluation, international health, and health social science research.

**Courses:** PU40**Prerequisites:** PUB326**Contact hours:** 3 per week **Credit points:** 12**Campus:** KG**Sem:** 2**► PUB474 FOOD STUDIES**

To fulfil their needs as future professionals working in food and nutrition related areas, students explore the nature of foods and their constituents, studying the underlying scientific principles related to the manufacture, preservation, distribution and the final production of food items for consumption.

**Courses:** ED50, ED90, HL42, IF87, PU40,

PU43

**Contact hours:** 5 per week **Credit points:** 12**Campus:** KG**Sem:** 1**► PUB480 HEALTH ADMINISTRATION FINANCE**

This unit addresses the following: financial administration and resource/financial distribution within the Commonwealth and state governments; financial management in the health industry; financial analysis; planning and budgeting, working capital management in the health industry;

health care financial performance and evaluation; methodologies for costing health services.

**Courses:** IF47, IF85, NS45, PU40**Contact hours:** 3 per week **Credit points:** 12**Campus:** KG, EXT**Sem:** 2**► PUB486 ETHICS AND THE LAW IN HEALTH SERVICE DELIVERY**

This unit enables students to develop an awareness of the ethical and legal issues associated with the public sector and health care in the pre-hospital care setting. This unit covers topics relating to the code of ethics, the code of conduct and the legislation unique to the emergency health services. The students are required to apply content knowledge using the problem based learning strategy. Topics include introduction to ethics; morality and ethical theory; bioethics; public sector ethics; overview of the Australian legal system; consent to and refusal of health care; duty of care; confidentiality and record keeping.

**Courses:** PU40 Emergency Health Services

Major Only.

**Prerequisites:** PUB112**Credit points:** 12**Campus:** EXT**Sem:** 2**► PUB470 PARAMEDIC CLINICAL PRACTICE 2**

This unit continues on from PUB270 and includes a six week placement providing work integrated learning experience in a supervised out of hospital environment. Students learn to apply standard ambulance management at non-complex scenes with straightforward clinical presentations and gain confidence in managing patients.

**Courses:** PU46**Prerequisites:** PUB270, PUB390, PUB391**Credit points:** 12**Campus offered:** KG**► PUB490 QUALITY MANAGEMENT IN HEALTH**

Quality is integral to all aspects of healthcare delivery. Knowledge and understanding of the concepts of quality management, and the ability to perform quality processes are essential for all health care professionals. This unit provides students with the necessary knowledge and skills to develop a quality management program, perform quality improvement activities, and expand outcomes into process improvements and organisational change. The principles underpinning evidence based medicine and clinical pathways (including variance analysis) are presented, methods of health care performance measurement are explored, and a clinical quality framework model is introduced.

**Courses:** NS45, PU40**Prerequisites:** 96 credit points and background knowledge of the health care system**Contact hours:** 3 per week **Credit points:** 12**Incompatible with:** PUB599**Campus:** KG**Sem:** 2**► PUB501 APPLIED COUNSELLING FOR HEALTH PROFESSIONALS**

In addition to having a sound knowledge of their specific area of speciality, health professionals also require specialised skills and techniques that will assist them in communicating with others. Furthermore they need to have an awareness and understanding of the process of helping. Throughout this unit, students explore a variety of approaches which could be used and will develop an awareness of their own strengths and weaknesses as a helper. It is not intended that students enrolled in this unit will become professional counsellors, rather they will develop counselling skills that can be applied by health workers in dealing with clients and client concerns.

**Courses:** HL42, PU43**Corequisites:** PUB875 or another (discipline specific) professional practice unit**Contact hours:** 4 per week **Credit points:** 12**Campus:** KG**Sem:** 2**► PUB506 FOODSERVICE MANAGEMENT**

This unit includes the following: organisation and planning in foodservice; the hospital environment; the menu and menu planning; purchasing and storage of food; kitchen planning and design; food production systems; food distribution systems; human resource management in foodservice;

finance and costing; hygiene, maintenance and safety; information systems; total quality management.

**Courses:** HL42, PU43 **Prerequisites:** PUB474**Contact hours:** 3 per week **Credit points:** 12**Campus:** KG**Sem:** 1**► PUB509 NUTRITION**

This unit includes the following: the measurement of the nutritional status of a community; nutrition monitoring and surveillance; food and nutrition policy at international, national and state levels; international nutrition issues; nutritional epidemiology; examination of the evidence of nutrition problems within Australia; at risk groups; tools and their validity for measuring nutritional status and nutrition outcome at the population and group level; dietary intake methodology.

**Courses:** HL38, HL42, HL68, HL88, PU40,

PU43

**Prerequisites:** PUB201, PUB314 or PUB326**Contact hours:** 4 per week **Credit points:** 12**Campus:** KG**Sem:** 1**► PUB510 LEGAL FRAMEWORKS FOR ENVIRONMENTAL HEALTH PRACTICE**

The purpose of this unit is to integrate the student's understanding of environmental health and basic sciences to enable the students to apply their knowledge in professional practice. In particular, this unit will detail legislative and management tools for the control of a range of environmental and public health issues. Prosecution processes and evidence gathering is discussed. Specific environmental health roles under the Health Act and other public health legislation are discussed at length.

**Courses:** IF87, PU40**Prerequisites:** PUB308, PUB409**Contact hours:** 4 per week **Credit points:** 12**Campus:** KG**Sem:** 1**► PUB511 HEALTH POLICY, PLANNING AND EVALUATION**

This unit provides advanced undergraduate students with an opportunity to develop an understanding of the concepts of health policy, planning and evaluation; a capacity for analysis using both theoretical and practical examination of current health-related policies, plans and evaluations; and an opportunity to apply concepts learned in this unit to develop a proposal for a program plan and associated implementation and evaluation strategy.

**Courses:** HL46, IF47, IF85, NA80, NS45, PU38,

PU40, BOralHlth

**Prerequisites:** 144 credit points completed**Contact hours:** 3.5 per week **Credit points:** 12**Campus:** KG, EXT**Sem:** 1**► PUB514 CONTRACT/PROJECT MANAGEMENT**

This unit aims to prepare students for participation in contract and project management in the health sector. The unit provides advanced undergraduate students with an opportunity to develop an understanding of health project contract management using both theoretical and practical examination of current State and national contracts and projects.

**Courses:** HL38, HL46, HL68, HL88, IF47, IF87,

NS45, PU40, PU38

**Contact hours:** 4 per week **Credit points:** 12**Incompatible with:** NSN625 (for postgraduate students)**Campus:** KG, EXT**Sem:** 1**► PUB517 FOOD HYGIENE STUDIES**

Food is a fundamental human need and a prerequisite to good health. Ensuring that the food we eat is safe is a major function of both government and industry. This unit includes food safety principles, food safety standards and legislation, an overview of food borne illnesses and their investigation, risk management (eg HACCP and food safety programs), auditing, and food handler training/health promotion.

**Courses:** IF87, PU40 **Prerequisites:** LSB415**Contact hours:** 4 per week **Credit points:** 12**Campus:** KG**Sem:** 1

**► PUB521 HEALTH SAFETY AND ENVIRONMENT PRACTICE 1**

The ability to apply the principles of occupational health and safety in the workplace is an essential skill of the occupational health and safety professional. This unit enables students to integrate the knowledge and skills that they have gained over the initial two years of the course and apply this within the workplace. Accreditation will be obtained as a Workplace Health and Safety Officer (WHSO) accredited by the Division of Workplace Health and Safety. The unit provides students with an understanding of the legislative framework as is relevant to occupational health and safety and social economic and political factors that have influenced the development of legislation as well as the content of existing legislation.

**Courses:** PU40

**Prerequisites:** PCB404, PUB354

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► PUB522 PODIATRIC ANAESTHESIOLOGY**

This unit provides an understanding of the science of anaesthetics as applicable to the practice of podiatry. Students are required to understand the pharmacology of local anaesthetics and their clinical usage, and be competent in injection techniques, including local infiltration and local nerve block in the lower limbs.

**Courses:** HL43, PU43

**Prerequisites:** PUB437, PUB438, PUB439

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► PUB537 RADIOGRAPHIC IMAGE INTERPRETATION**

This unit is designed to give the student of podiatric medicine an understanding and ability to recognise normal and abnormal foot radiographs. It also enables the student to utilise radiology as an important diagnostic tool in foot pathology.

**Courses:** HL43, PU43

**Prerequisites:** PUB438, PUB439

**Corequisites:** PUB539

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** PCB313 or PUB637  
**Campus:** KG **Sem:** 1

**► PUB538 PHYSICAL MEDICINE**

This unit introduces a wide range of diagnostic and physical treatment modalities used in modern podiatric practice. Students gain understanding in uses, applications, contraindications and limitations of each modality studied in direct connection with ongoing clinical studies and theoretical components of podiatric medicine.

**Courses:** HL43, PU43

**Prerequisites:** PUB439, PUB539

**Corequisites:** PUB539

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** PUB727  
**Campus:** KG **Sem:** 1

**► PUB539 PODIATRIC MEDICINE 3**

This unit develops professional understanding of the general and specific effects of medical and surgical conditions on the human foot. It also expands the concept of total case management in terms of the interdisciplinary approach, including physical, mechanical and surgical techniques. Completion of this unit should enable students to consolidate the podiatrist's role in the health care team across the spectrum of practice.

**Courses:** HL43, PU43

**Prerequisites:** PUB437, PUB438, PUB439

**Corequisites:** PUB537

**Contact hours:** 12 **Credit points:** 12  
**Incompatible with:** PUB524  
**Campus:** KG **Sem:** 1

**► PUB541 MEDICAL NUTRITION THERAPY 1**

This unit incorporates the best of a multidisciplinary, 'whole client' view of health care. The goals of MNT in preventative care are to keep people healthy in their communities, to reduce the incidence and severity of preventable diseases, to improve health and quality of life and to reduce medical costs particularly in drug therapy, surgery, hospitalisation and extended care. A sound understanding of the process of nutrition

assessment enables students to undertake the assessment, planning, implementation and evaluation of dietary intervention in the more complex disease states.

**Courses:** HL42, PU43

**Prerequisites:** LSB408, LSB458, PUB405

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**PUB550 PARAMEDIC MANAGEMENT OF OBSTETRIC, PAEDIATRIC AND BEHAVIOURAL EMERGENCIES**

This unit covers the management of obstetric, paediatric and behavioural emergencies. Theory is presented on campus and experience is gained in a three week hospital placement under the supervision of clinical educators.

**Courses:** PU46

**Prerequisites:** LSB382, PUB390

**Credit points:** 12 **Campus offered:** KG

**PUB555 PARAMEDIC MANAGEMENT OF INFECTIOUS DISEASES, TOXICOLOGICAL AND ENVIRONMENTAL EMERGENCIES**

This unit covers the management of patients with a range of aetiologies including extremes in environmental conditions, toxicological emergencies including overdose, poisoning and acute infectious disease. Topics include the epidemiology, integrated and definitive care, pathophysiology, assessment and clinical management of patients with toxicological, infectious and environmental illness. Theory is supplemented by simulation and scenario based activities.

**Courses:** PU46

**Prerequisites:** LSB382, PUB390

**Credit points:** 12 **Campus offered:** KG

**► PUB557 HEALTH NEEDS OF INDIGENOUS AUSTRALIANS AND OTHER POPULATIONS**

The unit examines the health needs of a range of populations groups, particularly the health needs of Indigenous Australians. Health is viewed in its social and economic context. The unit allows a recognition and focus on particular health concerns that might not be considered significant in an examination of broad patterns of health. It forces a consideration of how strategies to improve health, including important questions of access and equity. The unit provides an overall picture of health patterns of Indigenous Australians and other specific populations.

**Courses:** ED90, PU40, BOralHlth

**Prerequisites:** PUB251

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► PUB558 MEDICAL DOCUMENTATION AND ABSTRACTION FOR CLASSIFICATION**

It is essential for health information managers to thoroughly understand the clinician's response to various disease processes, how this information is documented in patient records and how this relates to the process of clinical classification. This unit integrates knowledge of anatomy, physiology, disease processes and medical procedures with an understanding of the process clinician's task to diagnose and treat common and specialised conditions. Students enhance their knowledge of clinical classification by the practical use of ICD-10-AM. (Not offered until 2005).

**Courses:** PU40

**Prerequisites:** PUB356

**Contact hours:** 4 per week **Credit points:** 12  
**Incompatible with:** PUB456

**Campus:** KG

**Sem:** 1

**► PUB561 QUANTITATIVE ANALYSIS FOR HEALTH**

The ability to analyse and interpret quantitative data is an important skill for all graduates in public health. This unit builds upon PUB326 Epidemiology and complements analytical methods learned in PUB461 Qualitative Enquiry in Public Health. Through critical review of the literature, and worked examples from a range of topic areas, students become familiar with the process of summarising and describing data, defining and testing hypotheses, univariate methods and tests of bivariate associations, the con-

cept of adjustment and the interpretation and presentation of analytical results.

**Courses:** PU40, PU43

**Prerequisites:** PUB416 (except NUD students)

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► PUB565 INTERNATIONAL HEALTH**

International Health will broaden student's understanding of global health systems and programs, providing an advanced level analysis that explores systems and methods that have been devised to address population health problems in developing and developed countries. Students examine the historic context of the international health movement from the early 1900s to recent changes in global health systems, explore the diversity of services between and within countries, and consider issues of globalisation, economic reform, health equity and ethics. This unit is particularly relevant to students who are interested in international health development work

**Courses:** PU40

**Prerequisites:** 192 credit points, PUB251, PUB326

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► PUB570 PARAMEDIC CLINICAL PRACTICE 3**

This unit is a six week placement which develops patient care to a level where students can confidently manage more complex clinical presentations under the supervision of a qualified paramedic mentor.

**Courses:** PU46

**Prerequisites:** PUB470

**Credit points:** 12 **Campus offered:** KG

**► PUB604 POLICY AND MANAGEMENT PRINCIPLES FOR ENVIRONMENTAL HEALTH**

The aim of this unit is to provide an overview of current policy and management issues faced in environmental health practice. Issues to be discussed include the National Environmental Health Strategy, sustainable development and Local Agenda 21, economic evaluation, environmental health indicators, Indigenous environmental health, environmental toxicology, new technologies (eg GIS and EH Toolbox), disaster management, and current management issues at the local and state government levels.

**Courses:** IF87, PU40

**Prerequisites:** PUB510 **Corequisites:** PUB630

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► PUB606 DIETETIC MANAGEMENT**

This unit includes the following: history of dietetics and the role of management in dietetics; planning and organisation; leadership; peer review systems; total quality management; clinical costing; program evaluation and measuring effectiveness; information systems applied to dietetic management; managing change; casemix funding, management tools, marketing, planning community based programs; team building; managing role conflict.

**Courses:** HL42, PU43

**Prerequisites:** PUB506, PUB722

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► PUB607 PROMOTING ORAL HEALTH**

This unit aims to present oral health promotion as an emerging public oral health field of professional practice. The unit provides knowledge of both the theoretical and practical application of health promotion strategies in a range of contexts. It emphasises the links of oral health status with a number of socioeconomic variables, and provides an understanding of health promotion strategies that are appropriate to special groups. It also provides a sensitivity to, and an understanding of, cultural and gender-related issues in relation to oral health promotion.

**Courses:** NA80, BOralHlth

**Prerequisites:** PUB203 **Corequisites:** PUB203

**Contact hours:** 2 per week **Credit points:** 12  
**Campus:** EXT **Sem:** 2

### ► PUB609 HEALTH RESOURCE ALLOCATION

This unit aims to prepare students for participation in health sector decision making as underpinned by a range of health specific evaluation activities. The unit provides students with a grounding in the methodologies of health evaluation and resource allocation.

**Courses:** HL38, HL46, HL68, HL88, IF47, NS45, PU38, PU40

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

### ► PUB611 RISK MANAGEMENT

This unit provides students with the knowledge and skills for the assessment and quantification of risk in the workplace. It investigates the various models available to investigate and analyse accidents and propose strategies to prevent similar incidents in the future. Various hazard identification techniques such as HAZOP, Fault Tree Analysis and FMEA are discussed. The subject provides students with the ability to position occupational health and safety within an organisation's strategic decision making process. Assessment involves a half day presentation on the weekend. Some lectures may be presented in a one-day seminar.

**Courses:** IF87, PU40

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

### ► PUB616 HEALTH, SAFETY AND ENVIRONMENTAL PRACTICE 2

This unit builds on the experience gained by students in Occupational Health and Safety Practice 1 by looking in more detail at the skills required to practice as a professional in the arena of occupational health and safety. A major focus is the utilisation of auditing as an occupational health and safety management tool. Students are required to attend lectures, practical sessions in the workplace and field trips. Students investigate a wide variety of production processes and identify the hazards and control strategies associated with these. It is intended that the unit should act as a culminating experience for students who have undertaken the BHLthSc in Health Safety and Environment or Occupational Health and Safety.

**Courses:** PU40

**Prerequisites:** PUB521 or PUB516

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► PUB628 ADVANCED FOOD STUDIES

This unit provides students with an opportunity to acquire practical skills in the planning, preparation and delivery of nutrient-altered foods suitable for a wide range of therapeutic diets. Students evaluate the outcome of incorporating nutrient modified food products into dietary regimens. Food standards, relevant developments and issues are also considered.

**Courses:** HL42, PU43

**Prerequisites:** PUB474, PUB541

**Corequisites:** PUB641

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► PUB630 ENVIRONMENTAL HEALTH PRACTICE

Visits to various establishments studied in units relating to environmental health management, pollution sciences and food studies for the purpose of practical demonstration, evaluation and professional experience are part of this course. It includes discussion of professional ethics, multicultural issues, and industrial relations and job application processes.

**Courses:** IF87, PU40

**Prerequisites:** PUB510, PUB517

**Corequisites:** PUB604

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► PUB632 INDEPENDENT STUDY

Independent Study allows students to study a topic which is not otherwise available as a formal unit. Students have the opportunity to pursue their studies relatively independently and to develop and practise skills in problem identification, evaluation and critical thinking. The study may be for example a literature review or a

placement in a particular setting. The process and outcomes are negotiated in a contract with a supervisor.

**Courses:** PU40, PU43

**Prerequisites:** Completion of 192 credit points

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

### ► PUB633 HEALTH INFORMATICS

An understanding of computer applications in health is important to making an effective contribution to the planning and evaluation of health care information systems. This unit integrates health care trends with the capacity for information management and information systems to support these directions in health care. This unit aims to bridge the communication gap which often appears between the health care professional and computer specialists. It is also designed to prepare students for involvement in the many aspects of information systems they may encounter in the health care field. These aspects include the planning, specification, development, implementation, control and management of such systems.

**Courses:** PU40 **Prerequisites:** 192 credit points

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** PUB418

**Campus:** KG

**Sem:** 2

### ► PUB635 PODIATRIC SURGERY

This unit addresses the implementation of podiatric surgical techniques based on strong theoretical knowledge. On completion, students should understand the principles and techniques of lower limb surgery. Students are taught minor surgical techniques and they review some of the more common major surgical procedures including the foot and ankle.

**Courses:** HL43, PU43

**Prerequisites:** PUB438, PUB522, PUB539, PUB639

**Corequisites:** PUB523, PUB624

**Contact hours:** 3 (including surgical work)

**Credit points:** 12

**Campus:** KG

**Sem:** 2

### ► PUB638 ORTHOPAEDICS AND SPORTS MEDICINE

This unit provides students with a detailed knowledge of orthopaedic and musculoskeletal conditions affecting the lower limb. The unit also discusses the assessment and management of the sporting patient. (Not offered until 2005).

**Courses:** HL43, PU43

**Prerequisites:** PUB537 (PU43 and HL43 only), PUB538 (PU43 only)

**Corequisites:** PUB635 (PU43 only), PUB639 (PU43 and HL43)

**Credit points:** 12

**Incompatible with:** PUB726, PUB827

**Campus:** KG

**Sem:** 2

### ► PUB639 PODIATRIC MEDICINE 4

This unit extends the student by way of a greater role in independent case investigation and clinical case presentations. Complex case histories and treatment interventions are pursued. The theory and treatment of paediatric disorders is studied and the students are introduced to specialist clinics in the podiatry facility and the treatment of higher order cases. Students implement a wide range of treatments and should be able to consolidate skills acquired. Diagnostic skills are also developed with the wider range of patients being treated and the specialised study of disciplines such as dermatology and radiology further integrating academic and clinical studies.

**Courses:** HL43, PU43

**Prerequisites:** PUB539

**Contact hours:** 12

**Credit points:** 12 **Incompatible with:** PUB624

**Campus:** KG

**Sem:** 2

### ► PUB641 MEDICAL NUTRITION THERAPY 2

Medical nutrition therapy 2 builds on the extensive knowledge base of the theory and application of dietary treatment to disease and the principles of nutritional assessment development in Medical Nutrition Therapy 1.

**Courses:** HL42, PU43

**Prerequisites:** PUB541 **Corequisites:** PUB628

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 2

### ► PUB643 HOME ECONOMICS CURRICULUM 2

This unit is the second in a suite of three curriculum units studied concurrently with Teaching and Learning Studies 111 and Field Studies 11. The unit provides students with opportunities to develop knowledge and skills pertinent to the professional educator, including the ability to critique current paradigms. Learning experiences are organised to build deeper understanding of outcomes-based syllabuses. This knowledge is applied to the design and management of learning environments and practices that engage learners. The importance of self-regulatory practice is emphasised.

**Courses:** ED90

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** PUB322

**Campus:** KG

**Sem:** 2

### ► PUB644 HEALTH PROMOTING SCHOOLS

This subject is designed to extend students' understanding of health promotion in a school setting. The learning objectives for this course are designed to reinforce the links between education and health, in relation to the planning, implementation and evaluation of a school-based health promotion intervention. It also addresses some of the management issues that underlie such an approach to the promotion of health and well-being in the school community. Case studies or activities offer a range of opportunity for reflection and investigation.

**Courses:** HL38, HL68, HL88, PU39, PU60, PU85

**Prerequisites:** 196 credit points

**Credit points:** 12

**Campus:** EXT

**Sem:** 2

### ► PUB669 MANAGEMENT OF HEALTH INFORMATION SERVICES

This unit is the final one in the suite of health information management related units. As a result, it has a strong focus on professional issues and current trends in HIM practice. It examines the roles and functions of the health information manager in the management of health care services in the current health environment. Class activities concentrate on the principles and processes of management as applied to health information services. A problem based learning approach is adopted to give students experience in 'real world' activities.

**Courses:** PU40

**Prerequisites:** PUB108, PUB398, PUB490, PUB558

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** PUB619

**Campus:** KG

**Sem:** 2

### PUB670 PARAMEDIC CLINICAL PRACTICE 4

This unit follows on from previous clinical practice units and develops students towards the role of beginner practitioner and qualified ambulance paramedic under the supervision of a qualified paramedic mentor. Students are expected to function as an operational crew member under minimal direction taking the lead in more complex scenarios.

**Courses:** PU46

**Credit points:** 24

**Prerequisites:** PUB570

**Campus offered:** KG

### PUB680 PROFESSIONAL DEVELOPMENT IN PARAMEDIC PRACTICE

This unit prepares students for practice as qualified ambulance paramedics and further develops professional skills. Clinical practice is conducted in a prehospital environment under the supervision of an ambulance crew with a qualified clinical mentor. In addition, reading and learning activities give opportunities for the development of reflective practice skills and strategies.

**Courses:** PU46

**Prerequisites:** PUB391, PUB450, PUB470, PUB550, PUB555, PUB570

**Corequisites:** PUB670

**Credit points:** 12

**Campus offered:** KG

### ► PUB722 PRACTICE IN CLINICAL DIETETICS

Students are required to develop skills in the management of nutritional care of clients in the

clinical setting, to a standard that allows entry to the Dietetics profession. This unit incorporates the basic strategies of the dietetic care process, ie assessment, planning, implementation and evaluation of nutritional care, for clients who have a variety of disease states. Students also need to demonstrate basic skills in research in relation to clinical outcome.

**Courses:** HL42, PU43

**Prerequisites:** PUB875 **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► PUB723 CLINICAL DIETETIC PRACTICE

Students are required to develop skills in the management of nutritional care of clients in the clinical setting, to a standard that allows entry to the Dietetics profession. This unit incorporates the basic strategies of the dietetic care process, ie assessment, planning, implementation and evaluation of nutritional care, for clients who have a variety of disease states. Students also need to demonstrate basic skills in research in relation to clinical outcome.

**Courses:** HL42, PU43 **Prerequisites:** PUB875  
**Credit points:** 24 **Incompatible with:** PUB722  
**Campus:** KG **Sem:** 1

### ► PUB738 ADVANCED CLINICAL MEDICINE 1

The aim of this unit is to develop high-level clinical skills and professionalism in a range of clinical settings. Increased understanding of the various clinical and non-clinical roles that podiatrists play in the community are emphasised through external placements.

**Courses:** HL43, PU43  
**Prerequisites:** PUB538, PUB635, PUB638, PUB639  
**Contact hours:** 9 per week **Credit points:** 12  
**Incompatible with:** PUB728  
**Campus:** KG **Sem:** 1

### ► PUB739 PODIATRIC MEDICINE 5

The aim of this unit is to provide students with the diagnostic and treatment skills necessary to manage patients with more complex conditions, to introduce contemporary issues in podiatry including national and international issues, and to encourage students to evaluate critically the medical literature to inform their clinical decisions.

**Courses:** HL43, PU43  
**Prerequisites:** PUB537, PUB538, PUB635, PUB638, PUB639  
**Corequisites:** PUB738 **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► PUB821-1 PRACTICE IN COMMUNITY NUTRITION

This unit involves a four week practical placement off-campus where students work on various projects and gain experience in the nutrition and health care of groups in a variety of community, workplace and school settings. Assessment includes the provision of a nutrition education session to a community group and a practical examination at the end of the semester.

**Courses:** HL42, PU43  
**Prerequisites:** Completion of all prior Nutrition & Dietetics core units  
**Credit points:** 6  
**Campus:** KG **Sem:** 1

### ► PUB821-2 PRACTICE IN COMMUNITY NUTRITION

See PUB821-1 for details.

**Courses:** HL42, PU43  
**Prerequisites:** PUB821-1 **Credit points:** 6  
**Campus:** KG **Sem:** 2

### ► PUB822-1 PRACTICE IN FOOD SERVICE MANAGEMENT

This unit includes a four week practical component consisting of up to four separate placements in hospitals, nursing homes, correctional centres or other locations to gain experience in food service management.

**Courses:** HL42, PU43  
**Prerequisites:** Completion of all prior Nutrition & Dietetics core units  
**Credit points:** 6  
**Campus:** KG **Sem:** 1

### ► PUB822-2 PRACTICE IN FOOD SERVICE MANAGEMENT

See PUB822-1 for details.

**Courses:** PU43, HL42  
**Prerequisites:** PUB822-1 **Credit points:** 6  
**Campus:** KG **Sem:** 2

### ► PUB826 PROJECT AND PROFESSIONAL MANAGEMENT

This unit includes two parts. Firstly, it explains how a professional practice may be set up and how a small practice can operate as a business enterprise. Methods of budgeting, finance and control are included. Secondly, the unit develops an interest in podiatry research using scientific methods of investigation and presentation. Students are encouraged to publish projects as original material in related professional journals.

**Courses:** HL43, PU43  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2

### ► PUB838 ADVANCED CLINICAL STUDIES 2

The aim of this unit is to develop high-level clinical skills and professionalism in a range of clinical settings. Increased understanding of the various clinical and non-clinical roles that podiatrists play in the community are emphasised through external placements. Students complete clinical rotations not attempted in PUB738.

**Courses:** HL43, PU43  
**Prerequisites:** PUB738, PUB739  
**Contact hours:** 9 per week **Credit points:** 12  
**Incompatible with:** PUB828  
**Campus:** KG **Sem:** 2

### ► PUB839 PODIATRIC MEDICINE 6

The aim of this unit is to ensure that students are able to demonstrate adequate knowledge and skills expected for entry into the podiatry profession.

**Courses:** HL43, PU43  
**Prerequisites:** PUB739 **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► PUB875 PROFESSIONAL PRACTICE

This unit is undertaken by students in the public health, and nutrition and dietetics strands of the BHLthSc. It provides students with the opportunity of working in one or a number of placements in a professional capacity in an area of interest to the student. It provides an opportunity for students to apply the knowledge and skills acquired through their course to a practical problem or workplace situation.

**Courses:** HL42, HL46, IF47, IF85, PU40, PU43  
**Prerequisites:** NUD / NUT successful completion of all prior core units; All other majors, completion of 216 credit points including PUB514

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► PUN001 CONTEMPORARY RISK MANAGEMENT

This unit provides an introduction to the risk management process as outlined in AS/NZS 4360 Risk management. The unit concentrates on the context of risk management and introduces the student to the concepts that will be explored further in the units PUN008, PUN009 and EFN418. The structure of the organisation, its environment and the potential loss exposures are examined in some detail.

**Courses:** HL38, HL68, HL88, IF88, PU32, PU60, PU65, PU85  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► PUN008 RISK ASSESSMENT

This unit provides the skills necessary to identify and assess risks. Qualitative, semi-quantitative and quantitative methods of risk analysis are investigated in the context of the major perils likely to be considered by an organisation. Various risk analysis techniques including HAZOP, FMEA, hazard indices, fault trees, event trees, reliability analysis, statistical analysis, and probability are discussed.

**Courses:** HL38, HL68, HL88, HL90, IF88, PU60, PU65, PU85  
**Prerequisites:** PUN001 **Corequisites:** PUN001  
**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1, 2

### ► PUN010 IMPLEMENTING RISK MANAGEMENT

A robust system is necessary to ensure the ongoing commitment to the risk management process and to ensure positive outcomes. The risk management process needs to be integrated and strategic in its approach. It requires commitment from senior management and an organisational strategy designed to maximise business value. This unit investigates the role of risk management in an organisation, organisational experiences in implementing risk management programs, and ways of ensuring the success of a risk management program.

**Courses:** HL38, HL68, HL88, HL90, IF88, PU60, PU85

**Prerequisites:** PUN008

**Credit points:** 12 **Incompatible with:** PUN009  
**Campus:** EXT **Sem:** 2

### ► PUN103 ADVANCED EPIDEMIOLOGY

This unit's aim is the mastery of key principles and concepts of research design. There has been an increasing demand for evidence-based health research, and an increasing trend towards research that considers complex biological, environmental and societal inter-relationships. Recent developments in epidemiology have contributed novel research designs and statistical methods to complement these needs. Throughout this unit, students are exposed to these more sophisticated designs and analytical methods. Such knowledge is mandatory for critical evaluation of the current research literature, for design of efficient research studies, and to inform appropriate interpretation of research results at a 'best practice' level.

**Courses:** HL38, HL68, HL88, HL90, PU60, PU85

**Prerequisites:** HLN705 or PUB316 or equivalent

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► PUN105 HEALTH STATISTICS

Beyond a common core of statistical concepts, each discipline area emphasises its own set of descriptive and inferential statistical methods and even terminology. The content of this unit emphasises both core and health-specific statistical methods in the health sciences. Students are provided with substantial practical experience in the application and interpretation of the most common statistical methods to health data, and are also made aware of data management principles in preparation for analysis. There is a strong emphasis on applying concepts through critical reading and discussion of the literature and worked examples from a range of topic areas.

**Courses:** HL38, HL68, HL88, HL90, PU30, PU60, PU85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 1

### ► PUN106 POPULATION HEALTH

This unit addresses some of the significant issues of population health including the complex relationship between health and social, economic, political and lifestyle factors and social disadvantage and health. It examines contemporary concepts of health and illness also draws on international examples. Potential health issues facing Australia and the world, such as the aging of the population, the impact of genetic technology on health and the health of specific sub-populations are also examined.

**Courses:** HL38, HL68, HL88

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** Completion of PU40/43 or PUB251 or PUB314 or PUP010 or NSN622

**Campus:** EXT **Sem:** 1

### ► PUN301 HEALTH, SAFETY AND ENVIRONMENTAL LAW AND MANAGEMENT

This unit introduces students to the history of occupational health and safety and the impact on occupational health and safety practice of the law, and industrial relations. The theory and practice of occupational health and safety management is discussed.

**Courses:** HL38, HL68, HL88, PU60, PU65, PU85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT

**► PUN302 DETERMINANTS OF WORKPLACE INJURY AND DISEASE**

This unit aims to provide students with an understanding of the various models used to describe and determine the causes and distribution of injury and disease in the workplace. Students investigate the use of various analytical, statistical and epidemiological tools to assess major determinants of workplace injury and disease.

**Courses:** HL38, HL68, HL88, HL90, PU60, PU65, PU85

**Prerequisites:** PUN301 **Corequisites:** PUN301  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► PUN363 ENVIRONMENTAL HEALTH LAW**

The purpose of this unit is to integrate the student's understanding of environmental health and previous science units to enable them to apply their knowledge in professional practice. In particular, this unit details legislative and management tools for the control of public health issues in different settings. The prosecution process and gathering of evidence is discussed along with a detailed discussion on the environmental health practitioner's role under the Health Act 1937 and other legislation. Topics covered in this unit include legal processes, government and the law, prosecution processes, environmental law, health law, local government law, intra/inter-government law (eg IPA).

**Courses:** PU32, PU67, HL88

**Corequisites:** PUN620 **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► PUN364 FOOD SAFETY**

The aim of this unit is to develop the food safety knowledge of future health professionals (such as environmental health practitioners, public health practitioners, nutritionists and dieticians) to enable them to identify and implement processes to ensure a safe food supply and prevent food borne illness in the community. A variety of food safety topics are covered including food science principles, food safety principles, food-borne illness, outbreak investigation and management, food safety law, auditing, premises design, HACCP, food safety programs, food handler training/health promotion.

**Courses:** PU67 **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► PUN465 ENVIRONMENTAL PROTECTION**

This unit aims to give students a detailed understanding of the causes, controls measures and management strategies for environmental pollution and an understanding of environmental impacts on human health. A variety of topics on environmental management are covered including environmental management principles, environmental policy and legislation, integrated planning, waste management, contaminated land, air pollution, water pollution, noise pollution.

**Courses:** PU32, PU67, HL88

**Prerequisites:** PUN620 **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► PUN466 COMMUNICABLE DISEASES**

This unit aims to provide a comprehensive overview of communicable diseases and to discuss current surveillance, control and prevention methods/strategies implemented by public health agencies. Topics in this unit include the following: communicable disease principles, physiology and epidemiology; outbreak investigation and management; immunisation; vector control; disease surveillance; infection control.

**Courses:** PU67, HL88 **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► PUN467 PUBLIC HEALTH RISK ASSESSMENT**

The aim of this unit is to provide future public health professionals with the skills and knowledge necessary to effectively assess and manage risks associated with a variety of public health hazards. Topics covered in this unit include the following: the Australian Standard risk management framework; environmental health risk as-

essment framework (issues identification, hazard identification, dose-response assessment, exposure assessment, risk characterisation); risk management strategies and approaches; fundamentals of environmental toxicology and its application in health risk assessment; health impact assessment; effective risk communication and community consultation approaches for public health risks; case studies.

**Courses:** PU32, PU67, HL88 **Credit points:** 12  
**Campus:** KG **Sem:** 2

**► PUN500 SYSTEMS SAFETY FOR HEALTH, SAFETY AND ENVIRONMENT**

In this unit, students learn about the nature of materials with regards to material failure, and fire and explosions. Students are introduced to the concept of the hierarchy of controls and learn about the various safety systems used to control physical, chemical and biological hazards. Students are also introduced to specific legislative requirements that regulate the use of such substances, the configuration of appropriate safety systems, and the storage, handling and transport of hazardous materials. Students develop skills in accident investigation.

**Courses:** PU65, PU60, PU85, HL38, HL68, HL88

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

**► PUN608 HEALTH ECONOMICS**

This unit is designed to introduce students with little or no previous economics background to some microeconomic theory and its application to economic issues in the health sector. The unit starts with more theoretical topics such as demand and supply analysis, the production of health and market structures, and then moves onto more applied topics such as health insurance and economic evaluations. The aim of the unit is to encourage students to understand variables that influence resource allocation within the health sector and to consider subsequent implications. Assessment for this unit typically consists of assignment work.

**Courses:** HL38, HL68, HL88, HL90, PU38, PU60, PU85

**Prerequisites:** PU85, PU60: PUN692; HL38, HL68, HL88, HL90: Nil; PU38: PUN610

**Contact hours:** 3 per week **Credit points:** 12  
**Incompatible with:** PUB433

**Campus:** KG, EXT **Sem:** 2

**► PUN609 HEALTH CARE FINANCE**

This unit introduces students to essential conceptual frameworks that are fundamental to an understanding of the organisation of health care resources, within the health sector and of subsequent outcomes. The unit adopts the objectives of effectiveness, efficiency and equity with which to analyse health care delivery systems. The intention is to provide an understanding of some important intellectual apparatus that can be used to describe and understand health care delivery in a variety of settings and systems.

**Courses:** HL38, HL68, HL88, PU60, PU85

**Prerequisites:** PUN692 **Credit points:** 12  
**Campus:** EXT **Sem:** 1

**► PUN610 HEALTH SERVICES MANAGEMENT**

This unit offers theoretical and practical understanding of strategic management issues associated with managing resources and managing people. The course is structured so that readings, activities and assessment items allow students to take a critical and analytical approach to an organisational issue within the context of current organisational, political, technological, and socio-economic developments. The unit is designed to facilitate analytic skills and understanding of a range of management decision-making principles and processes applicable to health management roles.

**Courses:** HL38, HL68, HL88, HL90, PU38, PU60, PU85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG, EXT **Sem:** 2

**► PUN615 ADVANCED HEALTH SERVICE MANAGEMENT**

The aim of the unit is to assist students to consolidate prior learning through the development and application of a framework for business planning, particularly related to the introduction of new practices in health care, consolidated by the use of researching, writing and presentation skills. This unit is designed to assist health service managers to understand their roles in leading the organisation, and to develop their skills in strategic and tactical management.

**Courses:** HL38, HL68, HL88, HL90, PU60, PU85

**Prerequisites:** PUN610 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

**► PUN617 ENVIRONMENTAL HEALTH MANAGEMENT**

This unit aims to integrate the aspects of environmental health theory and practice covered in other units within the environmental health graduate program by focusing on current management and policy issues, strategies, tools and approaches. Topics covered include the following: environmental health policy development; environmental health management in local government; environmental health management in state government; new technologies, GIS, electronic toolbox; management tools, economic evaluation, environmental health indicators; emergency management; Indigenous environmental health policy; dangerous goods management; project management; environmental health practice issues.

**Courses:** HL38, HL68, HL88, HL90, PU32, PU60, PU85

**Credit points:** 12  
**Campus:** EXT **Sem:** 2

**► PUN620 CONCEPTS OF ENVIRONMENTAL HEALTH**

The aim of this unit is to produce students who have an in-depth understanding of the large range of contemporary environmental health hazards (including historical, current and predicted hazards) and the strategies to assess and manage these hazards in a sustainable manner. Topics covered include overview of environmental health, ecosystems and ecology, sustainable development, food safety, water and sanitation, air pollution, waste and contaminated land, Indigenous environmental health, built environment, communicable diseases, environmental health management, health promotion, and global environmental health issues.

**Courses:** HL38, HL68, HL88, PU32, PU60, PU85

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

**► PUN634 INTERNATIONAL HEALTH MANAGEMENT AND PLANNING**

This unit explores health care reform trends across a wide array of countries as a transnational phenomenon that cannot be understood solely in the context of the nation-state. It uses the comparative method to provide students with an understanding of the impact of globalisation on health management and planning. The impact of this context on the future of the health sector and health service management is examined.

**Courses:** HL38, HL68, HL88, PU60, PU67, PU85

**Corequisites:** PUN692

**Contact hours:** 3 per week

**Credit points:** 12 **Incompatible with:** PUB511  
**Campus:** KG **Sem:** 1

**► PUN635 EVIDENCE BASED HEALTH POLICY**

The globalisation of the health sector, the changing global burden of disease, demographic profiles and trans-migration have implications for understanding and developing health policy that improves population health nationally and internationally. Health professionals and those involved health management and policy need a broad understanding of the interplay of these factors, in relation to the policy development and evaluation cycle. Students learn to critically appraise the role of evidence in policy formulation, the role of political and other influences in policy making, and the interplay between healthy

public policy and health services policy. Specific examples of national and international

**Courses:** HL38, HL68, HL88, PU60, PU67, PU85

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

#### ► PUN692 HEALTH CARE DELIVERY SYSTEMS

This unit adopts the broad objectives of effectiveness, efficiency and equity with which to analyse health care delivery systems. The unit consists of three separate modules which examine health care delivery systems from different perspectives. Module 1 is an introductory module which overviews the structural and functional components of health care delivery and defines the concepts of effectiveness, efficiency and equity. The Australian health care system is compared with those operating in both developed and developing countries. Module 2 introduces economic concepts and tools of analysis which primarily consider efficiency aspects of health care delivery. Module 3 analyses the management aspects of health care delivery within the context of change.

**Courses:** HL38, HL68, HL88, PU30, PU38, PU60, PU85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

#### ► PUN702 SOCIAL AND BEHAVIOURAL DETERMINANTS OF HEALTH

This unit provides students with a conceptual basis to understand the interrelationship between various social and cultural determinants of population health and health behaviour and provides an overview on global trends in public health and health promotion.

**Courses:** PU30, PU60, PU85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** EXT

**Sem:** 1

#### ► PUN743 INTRODUCTION TO EPIDEMIOLOGY

This unit introduces the basic principles and methods of epidemiology as it is concerned with the identification, control and prevention of ill health in the community. It addresses specific aspects relating to the collection and interpretation of epidemiological data and issues of major public health importance both within Australia and overseas, and it provides students with the essential skills for logical, scientific assessment of the health and medical literature.

**Courses:** PU30, PU60, PU85

**Prerequisites:** PUN743

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** EXT

**Sem:** 1

#### ► PUN814 PRINCIPLES OF EPIDEMIOLOGY

This subject systematically explores the fundamental concepts and principles of epidemiology at a deeper level than the introductory subject Introduction to Epidemiology and the elective subject Applied Study Design. It aims to develop further insights into epidemiological reasoning and a logical approach to public health problems using the tools of epidemiology. The material covered includes causal inference, principles of study design, strategies for data analysis, meta-analysis and a discussion of epidemiological philosophy.

**Courses:** PU30, PU60, PU85

**Prerequisites:** PUN743

**Contact hours:** 3 per week

**Credit points:** 12

**Sem:** 2

#### ► PUP032 INTERVENTION DESIGN AND THEORIES OF CHANGE

This unit examines theories of change as they impact on health promotion and health education practice and the development and implementation of public health interventions. The unit addresses the strengths and weaknesses of change theory into practice, and explores the nature of individual, group and organisational change strategies in public health and health promotion.

**Courses:** HL38, HL68, HL88, PU39, PU60, PU85

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1

#### ► PUP034 ADVANCED STUDIES AND PRACTICE IN HEALTH PROMOTION

This advanced unit identifies the repertoire of practice skills that health promotion students need to address health problems. It integrates needs identification, systematic planning and evaluation models into practice. Internal students put this knowledge into practice through participation in a group based health promotion project. The process of developing and implementing a health promotion program develops an understanding of issues such as ethics, writing goals and objectives, resources and time management. External students conduct a needs assessment and use the data to write a health promotion program proposal.

**Courses:** HL38, HL68, HL88, HL90, PU39, PU60, PU85

**Prerequisites:** PUP035 or PUP036

**Corequisites:** PUP035 or PUP036

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** PUP023, PUN613

**Campus:** KG, EXT

**Sem:** 2

#### ► PUP037 HEALTH PROGRAM EVALUATION

The aim of the unit is to provide students with skills and knowledge of health program evaluation, its place in public health and health sector contexts, the influences of evidence and contexts, both organisational and political in program evaluation, and the application of program evaluation techniques. This unit complements health studies and deepens students' understanding of program evaluation in practice.

**Credit points:** 12

**Sem:** 2

#### ► PUP038 NEW DEVELOPMENTS IN HEALTH PROMOTION

The unit provides students with a critical understanding of the foundations of health promotion nationally and internationally and its influence and evidence in improving population health outcomes through new conceptual and practice perspectives. This unit complements public health and other studies and provides a foundation for health professionals of the fundamental underpinnings of the discipline nationally and internationally.

**Courses:** PU39, HL38, HL68, HL88, PU60, PU67, PU85, NS34

**Credit points:** 12

**Campus:** KG

**Sem:** 1

#### ► PUP116 ERGONOMICS

This unit explores the relationship between the worker, the work environment, and the work space. Occupational ill-health and injury arise from a lack of fit between the capabilities of workers and the design of the working environment, the work processes and the physical and mental demands of the task. Insight into ergonomics can assist practitioners to enhance the workers' safety and comfort, improve work efficiency and performance, and optimise work performance. Topics include basic anatomy and physiology of body systems, occupational biomechanics, and psychology.

**Courses:** HL38, HL68, HL88, PU60, PU65, PU85

**Prerequisites:** PUN301

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT

#### ► PUP250 OCCUPATIONAL AND ENVIRONMENTAL MONITORING

Occupational and environmental monitoring is described as the recognition, evaluation, and control of hazards in the workplace. Workplaces contain numerous substances that are potentially hazardous to the health of the workforce other occupants and the public. Occupational and environmental monitoring spans a number of disciplines including toxicology, engineering, and statistics. The student needs to develop strong investigative and analytical abilities and professional judgment. Students also develop skills in evaluating the extent of workplace hazards. A preventative approach to dealing with occupational health problems is emphasised based on an understanding of the control hierarchy and the use of exposure standards.

**Courses:** HL38, HL68, HL88, HL90, PU60, PU65, PU85

**Prerequisites:** PUP415 **Corequisites:** PUP415

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

#### ► PUP415 OCCUPATIONAL AND ENVIRONMENTAL HEALTH

This unit explores chemical hazards in the working environment, epidemiological principles and practice, and identification of special risk groups in the workforce. Topics include the following: the pathological bases of disease in humans; chronic occupational diseases; occupational skin conditions; respiratory diseases; biological hazards in the work environment (bacteria, parasites, viruses, rickettsia and fungi); chemical and physical stresses and their physiological responses; physiological monitoring principles and practice; special risk groups; epidemiological principles and practice.

**Courses:** HL38, HL68, HL88, HL90, PU32, PU60, PU65, PU85

**Prerequisites:** PUN301 (For PU32 or students completing EVH major the prerequisite is either PUN301 or PUN620)

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

#### ► PUR202 ADVANCED DOCTORAL STUDIES

This unit aims to develop a repertoire of skills for Doctor of Health Science students to achieve their applied research goals and to enhance their learning through collaborative learning and support. Students develop skills in critically appraising literature; demonstrate and apply principles of ethics in health research and the processes required to meet ethical requirements; and develop a high level of presentation skills for professional and academic presentations.

**Courses:** HL90

**Credit points:** 12

**Campus:** KG

**Sem:** 2

#### ► PYB000 SCHOLARSHIP AND SKILLS (PSYCHOLOGY)

This is a compulsory first year unit. It focuses on the development of a number of generic competencies which are important outcomes of all QUT undergraduate courses. The unit provides a skill basis, developed within various discipline contexts, upon which subsequent units in the course will build. The unit is an essential first stage in the development of key skills and understandings at the tertiary level.

**Courses:** PY45

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** CA

**Sem:** 1

#### ► PYB007 INTERPERSONAL PROCESSES AND SKILLS

Psychology is generally a people-based profession with many positions involving not only understanding and testing people but communicating with them. More broadly however in most areas of modern work and indeed within personal relationships, people need developed interpersonal skills and the ability to conceptualise interactive processes. The microskills for communication are also the foundation for helping relationships and counselling.

**Courses:** PY45

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** PYB086

**Campus:** GP, CA, KG

**Sem:** 1, 2

#### ► PYB012 PSYCHOLOGY

The body of knowledge which defines Psychology as a discipline is basic to an understanding of human behaviour and interaction. Psychological theories, concepts and methods of investigation provide ways of evaluating personal and professional practice. Informed practice can then seek to meet the needs of individuals, groups and communities. All professional people need to have frameworks for understanding their own behaviour and that of others. This unit provides students with essential knowledge as a basis for their personal and professional effectiveness. It is the foundation for understanding further study in psychology and its many applications.

**Courses:** All courses

**Contact hours:** 3 per week

**Credit points:** 12

**Incompatible with:** PYB073



**Campus:** CA, GP, KG

**Sem:** 1, 2

► **PYB054 PSYCHOLOGY AND GENDER**

This unit asks 'What is gender?' It includes the following: theories of gender; male and female; masculine and feminine; roles versus power; counselling issues; old and new paradigms; history of psychology of gender; sexuality; mothers and fathers; psychology constructs and the female; psychology in patriarchal discourse; family therapy theory and feminist critiques; psychological constructs and the media; film and media; psychology of gender and power.

**Courses:** PY45

**Prerequisites:** PYB012 or PYB101 or PYB102

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

► **PYB057 APPLIED COGNITIVE PSYCHOLOGY**

This unit includes an overview of human information processing from the initial stage of sensory encoding, through the various mechanisms of information storage and retrieval, to the ultimate use of this information in higher level tasks such as reading. In addition, the unit highlights the application of this basic knowledge to real world problems in the domain of human-computer interaction.

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** PYB303

**Campus:** KG

**Sem:** 2

► **PYB067 HUMAN SEXUALITY**

This unit explores historical approaches to studying, explaining and regulating human sexuality with an awareness of the social nature of definitions of 'normal' or 'acceptable' sexual behaviours. Students critically examine definitions of 'healthy' or 'morally acceptable' or 'normal' sexuality. Different models of sexuality are considered with an emphasis on contemporary critiques of the traditional paradigms of sexuality in the West.

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

► **PYB073 INTRODUCTION TO BEHAVIOURAL SCIENCE AND HEALTH CARE**

This unit provides an understanding of the behavioural sciences which underlie much of the interaction of health professionals. Psychological and social factors that moderate human responses to health, disease, trauma and treatment, and the principles that underlie empathetic and effective intervention are the focus of study in this unit. A sound understanding of psychological and social concepts and principles is essential for the provision of contemporary, holistic nursing care for individuals and groups, and an important element in the development of effective relationships with clients, colleagues and other members of a multidisciplinary health care team.

**Contact hours:** 2 per week **Credit points:** 12

**Incompatible with:** PYB012

**Campus:** KG

**Sem:** 1

► **PYB101 INTRODUCTION TO PSYCHOLOGY 1A**

Psychology is a broad-ranging and multifaceted discipline which encompasses the scientific study of human behaviour, and the systematic application of knowledge gained from psychological research to a broad range of applied issues. This unit focuses on the areas of developmental psychology, social psychology, individual differences, and psychopathology.

**Courses:** PY45

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** PYB012, PYB073

**Campus:** CA

**Sem:** 1

► **PYB102 INTRODUCTION TO PSYCHOLOGY 1B**

Introduction to Psychology 1b extends the introduction provided in Introduction to Psychology 1a to psychology as the scientific study of human behaviour. This unit introduces students to the basic biological and psychological processes underlying perception, memory, learning, problem solving, consciousness, and language. In addition, research participation experience is provided to the students.

**Courses:** PY45

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

► **PYB110 PSYCHOLOGICAL RESEARCH METHODS**

This unit includes the following: an overview of the purposes and strategies of research; elementary research design; operationalising variables; descriptive statistics; distributions; measures of central tendency and spread; standard scores and percentiles; understanding relationships between variables through correlation and regression; an introduction to hypothesis-testing procedures using t-tests.

**Courses:** PY45

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** MAB237, MAB247

**Campus:** CA

**Sem:** 2

► **PYB158 INTRODUCTION TO SUBSTANCE ABUSE IN AUSTRALIA**

This unit introduces students to alcohol and drug use in the Australian context. The unit examines the terminology and definitions commonly associated with the alcohol and other drug field as well as providing an overview of models of drug use. This unit compares and contrasts current trends and patterns of substance use in Australia and critically examines the legitimacy of this focus. Australian substance use/abuse patterns are positioned within a global context.

**Courses:** All

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

► **PYB159 ALCOHOL AND OTHER DRUG STUDIES**

This unit aims to give students an understanding of the extent of substance abuse in our community: who uses what, where and when; the models that have been advanced for understanding substance abuse; the intervention and therapeutic models utilised within the field; the effects of substance abuse, physiologically, socially and psychologically.

**Courses:** All

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

► **PYB201 PERCEPTION**

This unit presents an overview of perceptual and sensory processes in humans and other animals. While most emphasis is placed on visual and auditory perception, the unit also explores the skin senses, the chemical senses, and the orienting senses. In each case, the topics covered include the following: the nature of the relevant physical stimuli, the physiology of the sensory modality, the phenomenology of the sensory modality, sensory dysfunction, and examples of applied research in the domain. The unit begins with a primer of psychophysics.

**Courses:** PY45, PY07

**Prerequisites:** PYB012 or PYB101 or PYB102

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

► **PYB203 DEVELOPMENTAL PSYCHOLOGY**

This unit provides an introduction to life span developmental psychology. It covers the major theories of life span development and includes biological, social and cognitive aspects of development from birth through to old age. It emphasises the interdependency of all aspects of development and the importance of the physical, family, socio-cultural and historical contexts within which development occurs. The unit develops the student's understanding of general patterns of human development and of the ways in which the development of particular individuals and groups may vary from these general patterns.

**Courses:** PY45, PY07

**Prerequisites:** PYB012 or PYB101 or PYB102

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

► **PYB205 SOCIAL PSYCHOLOGY**

People are social beings. Their thoughts, feelings and actions are influenced by the real, imagined or implied presence of others. To obtain greater insight into people's behaviour, it is essential to investigate scientifically the relationship between

the individual and the group. The effects of the individual within the group and the group upon the individual are studied in this unit.

**Courses:** PY45, PY07

**Prerequisites:** PYB012 or PYB101 or PYB102

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

► **PYB206 PERSONALITY**

This unit consists of an overview of some of the major theories of personality to provide the student with an understanding of contemporary approaches to normal personality function. Emphasis is placed on the methods of studying and conducting research in personality. This unit provides a foundation for advanced studies in psychopathology.

**Courses:** PY45, PY07

**Prerequisites:** PYB012 or PYB101 or PYB102

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

► **PYB208 COUNSELLING THEORY AND PRACTICE 1**

This unit develops the student's knowledge of the counselling process and skills and provides practice in changing the ways in which people express, conceptualise and respond to their concerns. It builds upon the communication skills and concepts introduced in PYB007 and introduces a range of counselling approaches. It emphasises skills in solution oriented approaches but also covers a range of models and skills for workers in crisis situations. It provides a basis for further studies in counselling in clinical settings requiring psychotherapeutic intervention, and other modes of delivery such as couple, family or group work.

**Courses:** PY45, PY07

**Prerequisites:** PYB007 or equivalent

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

► **PYB210 RESEARCH DESIGN AND DATA ANALYSIS**

This unit takes an hypothesis testing approach to data analysis. This means that statistical analysis is treated as one step in a larger process which also includes formulating theoretically sound predictions, designing a suitable experiment to test the predictions, selecting the appropriate statistics to test the predictions, calculating and interpreting the required statistics, and reporting the outcomes in the correct way. The aim of the unit is to provide the student with the knowledge and skills required to do these tasks with respect to two types of prediction: differences between means, and relationships between sets of scores.

**Courses:** PY45, PY07 **Prerequisites:** PYB110

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

► **PYB215 FORENSIC PSYCHOLOGY AND THE LAW**

Forensic Psychology is readily acknowledged as one of the fastest growing areas of psychology in the world. Forensic psychology concerns itself with the behaviour of people involved in the justice system, in particular, the criminal and civil components of the legal justice system. By its very nature, forensic psychology draws from a wide multi-disciplinary base for the application of its specialised knowledge. Hence, the student will need a broad introductory appreciation and critical perspective on what forensic psychology involves and has to offer in relation to the law and the practice of it by a range of practitioners within the legal justice system.

**Courses:** PY45, PY07

**Prerequisites:** 96 credit points

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

► **PYB257 GROUP WORK**

This unit provides an opportunity for experiential group learning, either intensively or in regular program times. It examines types of groups and varieties of group experiences: the importance and uniqueness of group medium; understanding behaviour in the group context; theories and models of group development; leader and member behaviours; planning, implementing and evaluating group methods; establishing groups and planning group approaches; the group as a

therapeutic community; evaluating group work; ethical issues.

**Courses:** PY45, PY07

**Prerequisites:** PYB007 or equivalent

**Contact hours:** 1 week intensive between Semesters 1 and 2

**Credit points:** 12

**Campus:** CA

**Sem:** 2

#### ► PYB258 INTRODUCTION TO THEORY AND RESEARCH IN HYPNOSIS

Not offered in 2005. This unit serves as an introduction to experimental hypnosis for those students who may wish to pursue postgraduate study in clinical and experimental Hypnosis. It covers socio-cognitive theories of hypnosis and interactive-phenomenological models and perspectives. The unit investigates research into dissociation, hypnotisability, regression, responsiveness, consciousness, altered states, hypnotic dreams and hallucinations, ideomotor signals, post-hypnotic amnesia and assessment of hypnotisability.

**Courses:** PY45, PY07

**Prerequisites:** 96 credit points

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

#### ► PYB260 PSYCHOPHARMACOLOGY OF ADDICTIVE BEHAVIOUR

This unit develops the student's understanding of behavioural pharmacology, with particular emphasis on the psychopharmacology of addictive behaviours. To establish a framework for learning, classes will initially include a review of neurobiology, introduction to pharmacokinetics, and discussion of research methods used to investigate psychopharmacological effects of drugs on behaviour. Subsequent classes address the history and origin of the more commonly used addictive substances, routes of administration, patterns of distribution and excretion, neuropharmacology, and the effects of acute and chronic administration. Substances covered include those that are most widely associated with problems of dependence and addiction.

**Courses:** PY45, PY07

**Prerequisites:** PYB158 or PYB159

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

#### ► PYB302 INDUSTRIAL AND ORGANISATIONAL PSYCHOLOGY

Participation in the workplace is an integral component in the lives of most people. It is important therefore to understand the behaviour of people, individually and collectively, within the workplace. Industrial and organisational psychologists are concerned with advancing the knowledge of the relationship between people and work, and using this knowledge to promote the effective organisation of human resources.

**Courses:** PY45, PY07

**Prerequisites:** PYB205 or PYB210

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

#### ► PYB303 COGNITIVE PSYCHOLOGY

This unit explores both the cognitive mechanisms involved in processing information and behavioural models of learning. The information processing component covers topics including sensory storage, attention, pattern recognition, working memory, long-term memory, and applied psychology. The learning component deals with the phenomenology of behavioural learning paradigms including classical and operant conditioning. In both cases, the unit emphasises the need for critical analysis of theories and the experimental evidence supporting them.

**Courses:** PY45, PY07

**Prerequisites:** 36 credit points of second and/or third year psychology units

**Contact hours:** 3 per week **Credit points:** 12

**Incompatible with:** PYB057

**Campus:** CA

**Sem:** 1

#### ► PYB304 PHYSIOLOGICAL PSYCHOLOGY

This unit aims to provide a broad introduction to the area of neuropsychology and discusses both the clinical and cognitive approaches in the field. Three broad areas are covered: neuroanatomy, neuropathology, the cognitive analysis of resulting deficits. Students learn about major neuro-

anatomical structures and their interconnections, with an emphasis on how this information is applied in the clinical setting. They also study a number of neuropsychological disorders in terms of their diagnosis, assessment and treatment, as well as the psychosocial effects such deficits have on the patients.

**Courses:** PY45, PY07

**Prerequisites:** PYB101, PYB102

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

#### ► PYB305 APPLIED SOCIAL PSYCHOLOGY

Social Psychology is the scientific study of how people's thoughts, feelings and actions are influenced by the real, imagined or implied presence of others. To assess whether social psychology theories and models can offer insight into people's behaviour in an applied context, it is essential to investigate the utility of these theories when translated to applied social settings. The student studies the application of social psychology methods, theories, principles and research findings to understanding and solving social problems.

**Courses:** PY45, PY07

**Prerequisites:** PYB205, PYB210

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

#### ► PYB306 PSYCHOPATHOLOGY

The unit provides an introduction to problems in psychological functioning and reviews research and theory relating to the major classes of mental disorder identified in DSM-IV, the diagnostic and classification manual most frequently employed in Australia and the United States. An integrated approach to the understanding of psychopathology is emphasised, highlighting the reciprocal influence of biological, psychological and social factors on behaviour.

**Courses:** PY45, PY07

**Prerequisites:** PYB205

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

#### ► PYB307 HEALTH PSYCHOLOGY

This unit examines the psychological dimension of physical illness, health, and health care. There is a strong focus on health psychology in an Australian context with particular emphasis on cross-cultural and indigenous health-related issues. The unit examines definitions of health and health psychology; the role of health psychology; the determinants of health behaviours (eg, cognitive, attitudinal, motivational, personality, social, developmental); medical settings and patient behaviour; patient and practitioner communication; stress, illness, and coping; pain and pain management; chronic and terminal illness in childhood and adulthood.

**Courses:** PY45, PY07

**Prerequisites:** PYB012 or PYB101 or PYB102

and 48 credit points of second year (psychology or non-psychology) units

**Credit points:** 12

**Campus:** CA

**Sem:** 2

#### ► PYB311 PSYCHOLOGICAL ASSESSMENT

Psychological assessment is a way of evaluating and understanding individuals. This unit is designed to introduce the student to the principles of psychological assessment. The different types of psychological assessments and issues involved in the assessment of normal and clinical populations are examined. Topics include ethical, psychometric, procedural and interpretative issues in the assessment of children, adolescents and adults. Although the major emphasis is on assessment theory, the mainstream tests that are available to qualified psychologists are also discussed.

**Courses:** PY45, PY07

**Prerequisites:** 36 credit points of second and/or third year psychology units

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

#### ► PYB342 INDEPENDENT STUDY

This unit can be undertaken only with prior approval from the Head of School. Approval will be given only when all other options have been exhausted. It involves a guided set of readings

and study in an approved area. Assessment is negotiated with the relevant supervisor.

**Courses:** PY45, PY07

**Prerequisites:** 36 credit points of second and third year psychology units.

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1, 2

#### ► PYB350 ADVANCED STATISTICAL ANALYSIS

The unit provides students considering further study in psychology with a thorough grounding in analysis of variance techniques, an introduction to multiple regression, and the data analysis tools used in a broad range of research designs in the social sciences. The unit extends the introduction to analysis of variance and regression provided in PYB210, considering more complex designs involving two or more independent variables. The unit is both theoretical (including the use of conceptual formulae to analyse simple data sets by hand) and practical (analysing data sets using the SPSS statistical package), with the aim of giving students a firm understanding of the principles underlying each analysis.

**Courses:** PY45, PY07

**Prerequisites:** PYB210

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

#### ► PYB353 OCCUPATIONAL AND VOCATIONAL PSYCHOLOGY

Not offered in 2005. Psychological research is the focus of this unit. The first 8 weeks expand the student's understanding of selection systems. Topics covered include principles of selection, job analysis, final decisions and utility analysis. Beyond this, there is a focus on 'tools' used such as work samples, psychological tests, interviews and biodata. In later weeks, issues relating to career planning and choice are examined. Relevant theories surrounding human development, needs, interests, values, personality factors, social cognition and person-organisation fit are outlined. The focus then moves to tools available for career guidance.

**Courses:** PY45

**Prerequisites:** 36 credit points of second or third year psychology units

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

#### ► PYB356 COUNSELLING THEORY AND PRACTICE 2

This unit focuses on the common facilitative factors within a counselling process paying attention to the person of the therapist and the counselling relationship. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes which occur. Consideration of verbal, non-verbal, social, emotional, gender, psychological and social dimensions enables counsellors to develop effective, functional and client-focused relationships and to control biases, needs and possible exploitative practices.

**Courses:** PY45, PY07

**Prerequisites:** PYB208

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 1

#### ► PYB358 ADVANCED DEVELOPMENTAL PSYCHOLOGY

In this unit, the focus is on child development, with an emphasis on the infant and the child up to adolescence. Students review images of children and the unfolding of their cognitive abilities within the cadre of theories of cognitive development. Among the areas that are studied are the nature and development of memory, the development of numerical thinking, and children's ability to understand another's view of the world. In addition to these topics, a substantial part of the unit is concerned with the acquisition (both normal and atypical) of language, including the acquisition of language in the bilingual child.

**Courses:** PY45, PY07

**Prerequisites:** PYB203

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** CA

**Sem:** 2

#### ► PYB359 INTRODUCTION TO FAMILY THERAPY

Family therapy, based on a systemic or relationship understanding of human problems, has been one of the most significant influences in the



fields of counselling and psychology in recent times. With the increasing emphasis on the family as a focus for social policy, support services, research, and intervention, it is important for counsellors and psychologists to have some familiarity with the basic concepts and skills of this broad approach. This unit focuses on providing basic skills and concepts from one particular approach which will be called 'Constructive Therapy', combining aspects of solution-focused therapy, possibility therapy, narrative therapy and reflecting team practice.

**Courses:** PY45, PY07 **Prerequisites:** PYB208  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

#### ► PYB360 INTERVENTIONS FOR ADDICTIVE BEHAVIOURS

Addictive behaviours, in the form of alcohol-dependence, substance abuse and gambling, are recognised as major problems nationally and internationally. This unit focuses predominantly on psychological aspects of addictive behaviours. To establish a framework for learning, classes initially review issues relating to psychological models of addiction and methods of studying addictive behaviours. Issues pertaining to the symptomatology, etiology and assessment of addictive behaviours, as well as the theoretical underpinnings of a range of therapeutic interventions are also discussed. This unit encourages critical thinking and analysis with the aim of enhancing students' understanding of the complex issues relating to management of addictive behaviours.

**Courses:** PY45, PY07  
**Prerequisites:** PYB158 or PYB159 or PYB260  
**Contact hours:** 1 week intensive between Semesters 1 and 2  
**Credit points:** 12  
**Incompatible with:** PYN460  
**Campus:** CA **Sem:** 2

#### ► PYB371 INTRODUCTION TO ROAD SAFETY

This unit introduces the key principles and practices in road safety. Special emphasis is given to the broad context of road use/transport in society and the economic and social implications of road crashes. It introduces the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

**Courses:** PY45, PY07  
**Prerequisites:** 96 credit points  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

#### ► PYB372 TRAFFIC PSYCHOLOGY AND BEHAVIOUR

This unit reviews the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. It considers all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. The student examines a range of theoretical models which have been used to explain the behaviour of road users.

**Courses:** PY45, PY07  
**Prerequisites:** 96 credit points  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

#### ► PYB374 APPLYING TRAFFIC PSYCHOLOGY

This unit reviews the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches are compared, in order to identify the key characteristics of successful programs. While this is a stand-alone unit, it extends many of the theoretical and practical issues covered in PYB372.

**Courses:** PY45, PY07  
**Prerequisites:** 96 credit points  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

#### ► PYB400-1 THESIS (PART 1)

This unit covers four parts (each of 12 credit points) which must be completed satisfactorily, leading to the submission of a research thesis. Students select a research topic and design and conduct a related research program using appropriate quantitative/qualitative methods of analysis.

This research is reported in a written thesis in APA fifth edition format. Assessment of the thesis will be in accordance with University assessment procedures. The total of 48 credit points are credited upon successful completion of all four thesis components.

**Courses:** PY09  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1, 2

#### ► PYB400-2 THESIS (PART 2)

See PYB400-1 for details.

**Courses:** PY09 **Credit points:** 12  
**Campus:** CA **Sem:** 1, 2

#### ► PYB400-3 THESIS (PART 3)

See PYB400-1 for details.

**Courses:** PY09 **Credit points:** 12  
**Campus:** CA **Sem:** 1, 2

#### ► PYB400-4 THESIS (PART 4)

See PYB400-1 for details.

**Courses:** PY09 **Credit points:** 12  
**Campus:** CA **Sem:** 1, 2

#### ► PYB401 ADVANCED RESEARCH METHODS

This unit provides the student with a firm understanding of a range of multivariate procedures as well as the skills to apply each analysis appropriately. In addition this unit aims to prepare students as critical consumers of psychological research.

**Courses:** PY09, PY20  
**Prerequisites:** PYB350 or equivalent  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

#### ► PYB402 COUNSELLING PSYCHOLOGY

This unit introduces the field of counselling psychology, one of the specialised professional colleges within the Australian Psychological Society. The thematic focus is on the critical analysis, comparison, and evaluation of selected counselling orientations (for example, solution-focused therapy, narrative therapy, cognitive-behavioural therapy, psychodynamic therapy, etc). Comparison of these approaches involves a consideration of major contemporary issues relating to the integration of theory, research and ethical practice.

**Courses:** PY09, PY20  
**Prerequisites:** PYB208 or equivalent  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

#### ► PYB403 COGNITIVE NEUROPSYCHOLOGY

This unit aims to provide a broad introduction to the area of neuropsychology and discusses both the clinical and cognitive approaches in the field. Three broad areas are covered: neuroanatomy, neuropathology, and the cognitive analysis of resulting deficits. The students extend their knowledge of major neuroanatomical structures and their interconnections, with an emphasis on how this information is applied in the clinical setting. A number of neuropsychological disorders are also examined in terms of their diagnosis, assessment and treatment, as well as the psychosocial effects such deficits have on the patients.

**Courses:** PY09, PY20  
**Prerequisites:** PYB303, PYB304, PYB311  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

#### ► PYB404 ISSUES IN SOCIAL DEVELOPMENTAL PSYCHOLOGY

This unit evaluates the contributions of social and developmental psychology to the understanding of human behaviour. The unit examines topics in social development, as they relate to families and individuals across the lifespan.

**Courses:** PY09, PY20  
**Prerequisites:** 3 years of psychology and PYB203 or equivalent  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

#### ► PYB405 ADVANCED ORGANISATIONAL PSYCHOLOGY

Students explore the role of organisational psychologists as both internal and external consultants who are skilled psychological researchers.

Special attention is given to the interaction between organisation systems, community needs, and human beings in differing cultural, political and economic environments.

**Courses:** PY09, PY20 **Prerequisites:** PYB302  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

#### ► PYB407 RESEARCH AND PROFESSIONAL DEVELOPMENT SEMINAR

This unit is intended to develop and extend students' understanding of research and practice issues in psychology. It covers current debates and controversies within psychology and students are encouraged to formulate critical responses to these topics. Attention is also given to the issue of ethics in psychological research and practice. A case-based approach to the study of ethics is used, with reference to the APS Code of Ethics as well as codes from similar international organisations. Where possible guest speakers, including researchers and practising psychologists, will be invited to participate in seminars to develop and expand students' understanding of broader issues in psychological research and practice.

**Courses:** PY09, PY20 **Prerequisites:** PYB401  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

#### ► PYB408 ADVANCED SOCIAL COGNITION

This unit provides an advanced coverage of social psychological theories that seek to explain how people think about themselves, others, and the social world in general. Students learn about the different ways in which people think about social information and how the social context is perceived, the ways in which information processing and decision-making can be biased by motivational and perceptual orientations, how individual and group decisions are reached, and the role of self-justification in decisions. In doing so, students build on the knowledge acquired in their undergraduate studies in social psychology.

**Courses:** PY09, PY20 **Prerequisites:** PYB205  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

#### ► PYB450-1 RESEARCH THESIS (PART 1)

The research project is listed as three separate 12 credit point units to be completed as a group empirical research project. Credit points are credited upon successful completion of all three research thesis components.

**Courses:** PY20 **Credit points:** 12  
**Campus:** CA **Sem:** 1, 2

#### ► PYB450-2 RESEARCH THESIS (PART 2)

See PYB450-1 for details.

**Courses:** PY20 **Credit points:** 12  
**Campus:** CA **Sem:** 1, 2

#### ► PYB450-3 RESEARCH THESIS (PART 3)

See PYB450-1 for details.

**Courses:** PY20 **Credit points:** 12  
**Campus:** CA **Sem:** 1, 2

#### ► PYN000 COUNSELLING STUDIES 1

This unit is intended to provide the student with an initial overview of the field of counselling, before focusing on the theory and practice of one contemporary perspective called 'Constructive' or 'Time-Effective' Therapy. It is an approach based largely in social constructionist principles and promotes a view of counselling as a unique conversational process which attempts to validate the client's experience, while pursuing possibilities for desired change. It also suggests a time-effective perspective, emphasising the possibility of working briefly and effectively with clients. Selected ideas and practices from several related approaches including solution focused therapy, possibility therapy and narrative therapy will be integrated.

**Courses:** PY12  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

#### ► PYN001 PROFESSIONAL STUDIES 1

This is an introduction to the professional study of counselling and the 'Common Factors' present in most counselling approaches. These factors, which include the working relationship, the focus on client resources, and the instillation of hope,

contribute greatly to the counselling outcome. In order to respond appropriately and therapeutically to the needs of their clients, counsellors must have a clear understanding of the social and interactive processes that occur in counselling. Verbal, nonverbal, social, emotional, gender, psychological and cultural dimensions are all present in the counselling process. Consideration of these dimensions enables counsellors to develop effective, functional and client-focussed relationships.

**Courses:** PY12

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

### ► PYN002 COUNSELLING STUDIES 2

The historical development of psychoanalysis and analytic therapy is examined as well as the utilisation of concepts derived from these approaches and from Process/Experiential work. Understanding the differences between neurotic and psychotic behaviour, and the need for appropriate referral, is highlighted.

**Courses:** PY12

**Prerequisites:** PYN000  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

### ► PYN003 GROUP STUDIES

This unit provides the development of skills and approaches in organising and facilitating group work, in the context of personal support and therapeutic groups. It addresses the following: establishing group norms; facilitating stages of group development; responding to member behaviour and developing facilitator interventions; planning, implementing and evaluating ethical group work practices; dealing with defensiveness and hidden agendas; applying brief solutions-focused and reflecting team processes to groups; examining the motion of the therapeutic milieu.

**Courses:** PY12

**Prerequisites:** PYN001  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

### ► PYN004 COUNSELLING STUDIES 3

This unit is designed to provide both an experiential and skills-based approach to specific approaches. The unit is taught in two complementary strands. One strand is largely experiential which focuses on students' explorations of their own families of origin and family dynamics. The second strand extends the process into specific theoretical perspectives and skill development. The approaches build on some of the major orientations and skill areas covered in the previous units: constructive therapies (ie solution-focused therapy and narrative therapy), psychodynamic approaches, and reflecting team work.

**Courses:** PY12

**Prerequisites:** PYN002  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

### ► PYN005 RESEARCH METHODS AND ISSUES; EVIDENCE BASED PRACTICE

This unit is designed to provide a practical understanding of evidence-based practice, in addition to the theory and skills to completely design a study in the area of counselling and counselling psychology. The unit covers the philosophical underpinnings of research, relevant computer literacy skills, and the application of relevant methodologies over a range of applied research questions. Completion of the unit should increase the students' effectiveness in their work with clients, groups, or organisations.

**Courses:** PY18

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

### ► PYN006 PROFESSIONAL STUDIES 2

This unit provides an experiential introduction to the process of professional supervision. Supervision processes, roles, responsibilities, content, approaches and theories are reviewed. Each student will have the experience of being supervised using one of five major counselling supervision approaches: solution-oriented, narrative, process-experiential, analytic and group-developmental. Professional issues commonly addressed in supervision such as power, gender, culture, consent, duty of care etc are reviewed.

**Courses:** PY12

**Prerequisites:** PYN001 **Credit points:** 12  
**Campus:** CA **Sem:** 1

### ► PYN007 PROFESSIONAL STUDIES 3

Clinical supervision involves the development of a working alliance between a counsellor and another skilled professional in order to examine and reflect on the counsellor's work. The role of the supervisor ranges from an educative, advisory one through to a supportive, collaborative and consultative approach depending on the counsellor's level of professional development and competence. Supervision can occur individually or in groups and can take place 'in vivo' (during actual counselling) or delayed (using self reporting or taped material).

**Courses:** PY12

**Prerequisites:** PYN006 **Credit points:** 12  
**Campus:** CA **Sem:** 1

### ► PYN008-1 PROJECT (PART 1)

Students undertake an individual project of theoretical and/or empirical research in a selected area of counselling. The project is supervised by a member of the teaching staff and progressive work is presented to other students. The completed project is to be presented in the form of a dissertation of not more than 15,000 words. Opportunity may be provided to work in the Family Therapy and Counselling Clinic as a way of achieving project requirements. PYN008/1 is completed in Semester 1, and PYN008/2 and PYN008/3 are completed in Semester 2. Credit points are credited upon successful completion of all three project components.

**Courses:** PY12

**Prerequisites:** PYN014  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

### ► PYN008-2 PROJECT (PART 2)

See PYN008-1 for details.

**Courses:** PY12

**Prerequisites:** PYN014  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

### ► PYN008-3 PROJECT (PART 3)

See PYN008-1 for details.

**Courses:** PY12

**Prerequisites:** PYN014  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

### ► PYN013 ADVANCED COUNSELLING STUDIES

This elective unit is designed to allow students to build on these skills by pursuing counselling studies in two or more specialised areas. Students select studies in two modules. Areas from which selections can be made might include the following: experiential therapy, family therapy, narrative therapy, relationship counselling, depression, loss and grief, and group work. Students may also complete one or both modules through approved forms of independent study (eg completion of approved workshops, courses or special areas of alternative study).

**Courses:** PY12

**Prerequisites:** PYN004  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

### ► PYN014 RESEARCH FOR COUNSELLING PRACTICE

This unit aims to prepare students for the reflecting team counselling practice in the Family Therapy and Counselling Clinic in the third year project units. The unit also prepares students for applied counselling project work in professional practice settings.

**Courses:** PY12

**Prerequisites:** PYN002  
**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

### ► PYN026 CLINICAL PSYCHOLOGICAL INTERVENTIONS 1

This unit provides the fundamental theoretical and applied approaches of counselling psychologists. It includes three major approaches to counselling: psychodynamic solution focused, narrative, and cognitive behavioural therapies. A wide range of therapeutic procedures suitable for clients who present typically for counselling is discussed, and students are encouraged to constructively criticise and utilise the ever-increasing literature in counselling psychology. The unit focuses on clients who have experienced major traumatic or developmental concerns.

**Courses:** PY18

**Prerequisites:** Enrolment in PY18 or permission of Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

### ► PYN027 CLINICAL PSYCHOLOGICAL ASSESSMENT

This unit is designed to build on undergraduate training in psychometric assessment by reinforcing the understanding of theoretical perspectives in testing, increasing the range of tests with which the student is familiar, and developing competency in test administration, interpretation, and report writing in the counselling context.

**Courses:** PY18

**Prerequisites:** Enrolment in PY18 or permission of Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

### ► PYN028 CLINICAL PSYCHOPATHOLOGY

This unit provides the student with a foundation and critical awareness of the development and phenomenology of psychological disorders. The unit undertakes a systematic study of the mechanisms and etiology of psychological disorders in individuals across the lifespan.

**Courses:** PY18

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 1

### ► PYN029 CLINICAL PSYCHOLOGICAL INTERVENTIONS 2

This unit focuses upon systemic and narrative approaches to relationship counselling and family therapy. Contemporary approaches to counselling have increasingly emphasised the importance of a relational understanding of human problems and change processes. The general area of family therapy has been most notable in contributing important concepts and skills that can be applied to most forms of relationship counselling. It is important to have some understanding of these concepts and skills in order to be able to respond to the diverse needs of contemporary practice.

**Courses:** PY18

**Prerequisites:** Enrolment in PY18 or permission of Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

### ► PYN030 PROFESSIONAL PRACTICE IN CLINICAL PSYCHOLOGY

Clinical psychology practice involves a unique process which requires an understanding of special roles, power relationships, boundaries and ethical principles in order to safeguard client rights. This unit presents an overview of ethical, legal and professional issues encountered in practice, and also emphasises the role of supervision in addressing these.

**Courses:** PY18

**Prerequisites:** Enrolment in PY18 or permission of Unit Coordinator

**Contact hours:** 3 per week **Credit points:** 12  
**Campus:** CA **Sem:** 2

### ► PYN031-1 RESEARCH THESIS (PART 1)

In completing the thesis, students are expected to demonstrate competency in critical and analytic thought, and research-related skills in a context that may make a contribution to the professional literature of Clinical Psychology. PYN031 is divided into four 12 credit point sections: PYN031/1, PYN031/2, PYN031/3, PYN031/4. PYN031 (Part 1) requires students to hand in an extensive literature review on a chosen topic and an outline of the research question and the hypotheses or aims of the study. A total of 48 credit points are credited upon successful completion of all four research thesis components.

**Courses:** PY18, PY17

**Credit points:** 12  
**Campus:** CA **Sem:** 1

### ► PYN031-2 RESEARCH THESIS (PART 2)

See PYN031-1 for details.

**Courses:** PY18, PY17

**Credit points:** 12  
**Campus:** CA **Sem:** 1

### ► PYN031-3 RESEARCH THESIS (PART 3)

See PYN031-1 for details.

**Courses:** PY18, PY17

**Credit points:** 12  
**Campus:** CA **Sem:** 2

**► PYN031-4 RESEARCH THESIS (PART 4)**

See PYN031-1 for details.

**Courses:** PY18, PY17**Credit points:** 12**Campus:** CA**Sem:** 2**► PYN034 CHILDHOOD PSYCHOPATHOLOGY AND TREATMENT**

Not offered in 2005. This unit aims to provide students with a sound understanding of the aetiology, diagnosis and management of emotional and behavioural disorders in children. Emphasis is placed on understanding the child within the context of the family and the wider community, and the critical evaluation of the evidence for different strategies for assessing and managing the mental health needs of children and their families.

**Courses:** PY18**Prerequisites:** Enrolment in PY18 or permission of Unit Coordinator**Credit points:** 12**Campus:** CA**► PYN035 SUPERVISED PRACTICUM 1**

This unit provides students with the opportunity to develop psychodiagnostic assessment and clinical skills. Students undertake 250 hours of psychological practice including at least 80 hours of direct client contact.

**Courses:** PY18, PY17**Prerequisites:** Enrolment in PY18 or permission of Unit Coordinator, plus general registration with probationary conditions with Psychologists Board of Qld**Credit points:** 12**Campus:** CA**Sem:** 1, 2**► PYN036 SUPERVISED PRACTICUM 2**

This unit provides students with the opportunity to build on PYN035 and to develop psychodiagnostic assessment and clinical skills. It consists of supervised psychological practice in a placement agency.

**Courses:** PY18, PY17**Prerequisites:** PYN035, probationary registration with the Psychologists Board of Queensland**Credit points:** 12**Campus:** CA**Sem:** 1, 2**► PYN037 SUPERVISED PRACTICUM 3**

This core unit of the Master of Clinical Psychology course is intended to provide students with the opportunity to build on previous placements and to develop higher level psychodiagnostic assessment and clinical skills.

**Courses:** PY18, PY17**Prerequisites:** PYN036 plus probationary registration Psychologists Board of Qld. For Qld Health placements Hepatitis B Vaccination and Qld Health web-based orientation**Credit points:** 12**Campus:** CA**Sem:** 1, 2**► PYN038 SUPERVISED PRACTICUM 4**

This core unit of the Master of Clinical Psychology course builds on PYN037 and provides the opportunity to develop advanced psychodiagnostic assessment and clinical skills.

**Courses:** PY18, PY17**Prerequisites:** PYN037 plus probationary registration Psychologists Board of Qld. For Qld Health placements Hepatitis B Vaccination and Qld Health web-based orientation**Credit points:** 12**Campus:** CA**Sem:** 1, 2**► PYN039 HEALTH PSYCHOLOGY AND REHABILITATION**

Not offered in 2005. This unit develops core skills and understanding in health psychology and rehabilitation within a clinical psychology context. It includes modules in health psychology, behavioural medicine, rehabilitation and psychopharmacology. An integrated and scientific approach with the recognition of the importance of an evidence based perspective is used to explore the application of the principles in clinical situations.

**Courses:** PY18**Prerequisites:** Enrolment in PY18 or permission of Unit Coordinator**Campus:** CA**► PYN601 COUNSELLING AND CONSULTATION IN EDUCATIONAL****AND DEVELOPMENTAL PSYCHOLOGY**

Advanced skills in counselling and consultation are required as a core competency of educational and developmental psychologists who work both directly with children, adolescents and families, and also more indirectly with groups, organisations and communities. Their roles vary from counselling individual children and supporting families, to advising teachers and becoming agents of change within organisations and communities. The aim is to provide students with the knowledge and skills necessary for developing effective counselling relationships with children, adolescents, adults and families and for working as consultants to various groups and systems within educational and developmental settings.

**Courses:** IX20**Prerequisites:** Enrolment in IX20 or permission of Unit Coordinator**Contact hours:** 3 per week**Credit points:** 12**Campus:** CA**Sem:** 1**► PYN602 DEVELOPMENTAL PSYCHOPATHOLOGY**

Not offered in 2005. Educational and developmental psychologists work with children, adolescents and adults with a range of psychological disorders. They need a sound knowledge of major diagnostic systems and an understanding of assessment, treatment and prevention of psychopathology across the lifespan.

**Courses:** IX20**Prerequisites:** Enrolment in IX20 or permission of Unit Coordinator**Contact hours:** 3 per week**Credit points:** 12**Campus:** CA**► PYN603 PROFESSIONAL PRACTICE IN EDUCATIONAL AND DEVELOPMENTAL PSYCHOLOGY**

Not offered in 2005. The practice of psychology requires an understanding of special roles, power relationships, boundaries and ethical principles in order to safeguard client rights. It requires skills in working with individuals and groups from diverse backgrounds, including those from other cultural groups. An understanding of legal issues and relevant legislation and standards is also essential in professional practice.

**Courses:** IX20**Prerequisites:** Enrolment in IX20 or permission of Unit Coordinator**Credit points:** 12**Campus:** CA**► PYN606 APPLIED DEVELOPMENTAL PSYCHOLOGY**

In order to provide effective approaches to the developmental challenges facing individuals and families at all points along the life course, educational and developmental psychologists need skills for describing, explaining, assessing, intervening and collaborating in the promotion of optimum developmental outcomes. These skills are developed in this unit.

**Courses:** IX20**Prerequisites:** Enrolment in IX20 or permission of Unit Coordinator**Contact hours:** 3 per week**Credit points:** 12**Campus:** CA**Sem:** 2**► PYN610-1 RESEARCH THESIS**

To ensure high quality practice, psychologists working in the area of educational and developmental psychology are continually required to monitor and modify their own practice to incorporate knowledge of the most recent research, assessment tools and interventions. This requires educational and developmental psychologists to have advanced skills in the critical evaluation, interpretation and application of research. The research thesis provides advanced skill development in these areas. The total of 48 credit points are credited upon successful completion of all four research thesis components.

**Courses:** IX20**Prerequisites:** Enrolment in IX20 or permission of Unit Coordinator**Credit points:** 12**Campus:** CA**Sem:** 2**► PYN610-2 RESEARCH THESIS**

Not offered in 2005. See PYN610-1 for details.

**Courses:** IX20**Prerequisites:** PYN610-1**Credit points:** 12**Campus:** CA**► PYN610-3 RESEARCH THESIS**

Not offered in 2005. See PYN610-1 for details.

**Courses:** IX20**Prerequisites:** PYN610-1**Credit points:** 12**Campus:** CA**► PYN610-4 RESEARCH THESIS**

Not offered in 2005. See PYN610-1 for details.

**Courses:** IX20**Prerequisites:** PYN610-1**Credit points:** 12**Campus:** CA**► PYP401 INTRODUCTION TO ROAD SAFETY**

This unit introduces the key principles and practices in road safety. Special emphasis is given to the broad context of road use/transport in society and the economic and social implications of road crashes. The unit introduces the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

**Courses:** PY40, PY41**Contact hours:** 3 per week**Campus:** CA**Sem:** 1**► PYP402 TRAFFIC PSYCHOLOGY AND BEHAVIOUR**

This unit reviews the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. It considers all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. A range of theoretical models, which have been used to explain the behaviour of road users, are examined.

**Courses:** PY40, PY41**Contact hours:** 3 per week**Campus:** CA**Credit points:** 12**Sem:** 1**► PYP404 APPLYING TRAFFIC PSYCHOLOGY**

This unit reviews the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches are compared, in order to identify the key characteristics of successful programs. While this is a stand-alone unit, it extends many of the theoretical and practical issues covered in PYP402.

**Courses:** PY40, PY41**Contact hours:** 3 per week**Campus:** CA**Credit points:** 12**Sem:** 2**► PYP405 ROAD SAFETY EVALUATION MODELS**

This unit introduces the models and methods used to evaluate behaviour change interventions. In particular, it addresses the systematic application of social and behavioural research methodologies to improve the planning, implementation and monitoring of behavioural road safety programs and counter measures.

**Courses:** PY40, PY41**Contact hours:** 3 per week**Campus:** CA**Credit points:** 12**Sem:** 3**► PYP406 ROAD SAFETY THEORY TO PRACTICE**

This unit is undertaken in the latter half of both the Graduate Certificate and Graduate Diploma courses and draws together the various themes developed during the program. It is designed to provide students with an opportunity to study and respond to an existing or emerging road safety problem. The students are required to draw on the knowledge and skills they have developed to investigate and recommend solutions to the problem. As far as possible, the unit is designed to reflect the way road safety problems are approached and managed by road safety agencies.

**Courses:** PY40, PY41**Prerequisites:** PYP401**Contact hours:** 12 per semester, plus weekly contact with the Unit Coordinator**Credit points:** 12**Campus:** CA**Sem:** 2**► PYP407 INDEPENDENT STUDY**

This unit enables students to undertake an independent study based in their places of work. Individual supervision and objective feedback on the experience is an important component of the learning experience.

**Courses:** PY41**Prerequisites:** PYP401**Contact hours:** Weekly contact with Supervisor

**Credit points: 12****Campus: CA****Sem: 2****► PYP501 INTRODUCTION TO ROAD SAFETY**

This unit provides an introduction to the key principles and practices in road safety. It lays a foundation for the road safety program, both in terms of subject matter and the skills it promotes. As an introductory unit, special emphasis is given to the broad context of road use/transport in society and the economic and social implications of road crashes. It introduces the basics of information retrieval, road crash analysis and interpretation, and the strategic development of road safety countermeasures.

**Courses: PY40, PY41****Credit points: 12****Campus: EXT****Sem: 1, 2****► PYP502 TRAFFIC PSYCHOLOGY AND BEHAVIOUR**

This unit provides a detailed review of the wide range of factors that influence the behaviour of road users, particularly those that contribute to the incidence of road crashes or exacerbate their severity. The review considers all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. Special emphasis is given to high-risk groups (ie young and older road users, alcohol-impaired road users, unprotected road users). A number of theoretical models, which have been either developed or used to explain the behaviour of road users, are examined. An overview is also provided of the different techniques that can be used to study the behaviour of road users.

**Courses: PY40, PY41****Credit points: 12****Campus: EXT****Sem: 1, 2****► PYP504 APPLYING TRAFFIC PSYCHOLOGY**

This unit provides a detailed review of the various strategies and programs that have been used in an attempt to modify road user behaviour. An overview of the different criteria and methods commonly used to assess the effectiveness of road user behaviour programs is provided. This facilitates a comparison of effective and ineffective approaches, designed to identify the key characteristics of successful programs. This comparison includes an analysis of relevant theoretical models that have been used to guide the development or implementation of road user safety programs. While all types of road users are considered, special attention is given to high-risk groups, particularly young drivers.

**Courses: PY40, PY41****Credit points: 12****Campus: EXT****Sem: 2****► PYP506 ROAD SAFETY: THEORY TO PRACTICE**

This unit is undertaken in the latter half of both the Graduate Certificate and Graduate Diploma courses and draws together the various themes developed during the program. It is designed to provide the student with an opportunity to study and respond to an existing or emerging road safety problem. Students are required to draw on the knowledge and skills they have developed to investigate and recommend solutions to the problem. As far as possible, the unit is designed to reflect the way road safety problems are approached and managed by road safety agencies.

**Courses: PY40, PY41****Prerequisites: PYP401 or PYP501****Credit points: 12****Campus: EXT****Sem: 2****► QCD110 COMMUNICATION FOR BUSINESS 1**

This unit focuses on the macro-skills of listening, reading, writing and speaking; establishes techniques for extending vocabulary; uses spoken and written texts of an academic nature to summarise, analyse, make inferences and recognise key concepts; incorporates strategies for effective group participation in a cross-cultural context; students learn techniques for writing successfully in genres appropriate to their field of study.

**Courses: BS40, IF06****Contact hours: 4 per week****Credit points: 12****Campus: KG****Sem: 1, 2, 3****► QCD111 COMMUNICATION 1**

This unit focuses on the macro-skills of listening, reading, writing and speaking; establishes techniques for extending vocabulary; uses spoken and written texts of an academic nature to help students to summarise, analyse, make inferences and recognise key concepts; provides opportunities for students to do initial academic research from secondary sources; helps students learn techniques for writing and speaking successfully in genres appropriate to their field of study.

**Courses: QC03, BS65, BS93, PB98, GS43, GS45, GS48, IF96****Contact hours: 4 per week****Credit points: 12****Campus: KG****Sem: 1, 2, 3****► QCD120 COMMUNICATION FOR INFORMATION TECHNOLOGY 1**

This unit focuses on the macro-skills of listening, reading, writing and speaking; establishes techniques for extending vocabulary; uses spoken and written texts of an academic nature to summarise, analyse, make inferences and recognise key concepts; incorporates strategies for effective group participation in a cross-cultural context; students learn techniques for writing successfully in genres appropriate to their field of study.

**Courses: IT10****Contact hours: 4 per week****Credit points: 12****Campus: KG****Sem: 1, 2, 3****► QCD210 COMMUNICATION FOR BUSINESS 2**

This unit further explores vocabulary and grammar and generic structure to develop skills of speaking and writing in context of field, tenor and mode. Effective speaking skills are developed according to academic presentation requirements. Skills for coherent and well-structured writing are also extended to enable efficient essay writing and the refinement of exam techniques. Language and structure appropriate to commercial, technical and academic communication are developed in support of business subjects. Communication for Business 2 language learning tasks are parallel with content material from these units.

**Courses: BS40, IF06****Prerequisites: QCD110 or IELTS 6.5 or approved equivalent****Contact hours: 4 per week****Credit points: 12****Campus: KG****Sem: 1, 2, 3****► QCD211 COMMUNICATION 2**

This unit further explores vocabulary and grammar and generic structure to develop skills of speaking and writing in context of field, tenor and mode. Effective speaking skills are developed according to academic presentation requirements. Skills for coherent and well-structured writing are also extended to enable efficient academic writing and the refinement of exam techniques. Language and structure appropriate to commercial, technical and academic communication are developed.

**Courses: QC03, BS65, BS93, BS98, GS43, GS45, GS48, IF96****Contact hours: 4 per week****Credit points: 12****Campus: KG****Sem: 1, 2, 3****► QCD220 COMMUNICATION FOR INFORMATION TECHNOLOGY 2**

This unit further explores vocabulary and grammar and generic structure to develop skills of speaking and writing in the context of field, tenor and mode. Effective speaking skills are developed according to academic presentation requirements. Skills for coherent and well-structured writing are extended to enable efficient essay writing and the refinement of exam techniques. Language and structure appropriate to commercial, technical and academic communication are developed in support of technology subjects. Communication for Information Technology 2 language learning tasks are parallel with content material from these units.

**Courses: IT10****Prerequisites: QCD120 or IELTS 6.5 or approved equivalent****Contact hours: 4 per week****Credit points: 12****Campus: KG****Sem: 1, 2, 3****► QCE001 GENERAL ENGLISH (FULL-TIME)**

General English offers English language and study skills for students preparing for entry into English for Academic Purposes, Foundation and Diploma courses and QUT undergraduate and postgraduate award programs. Courses are offered at all levels from elementary to advanced.

**Courses: QC20, QC21****Contact hours: 25 per week****Credit points: 20****per five week module****Campus: KG****Sem: 1, 2, 3****► QCE003 ENGLISH FOR ACADEMIC PURPOSES FOR DIRECT ENTRY TO QUT**

The major aim of the English for Academic Purposes course is to assist international students to upgrade their English proficiency level and to meet university entry requirements. This course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

**Courses: QC10****Prerequisites: Successful completion of the EAP entry test or an IELTS score of at least 5.5 (with no sub-score less than 5.0) or approved equivalent.****Contact hours: 25 per week****Credit points: 48****Campus: KG****Sem: 1, 2, 3****► QCE004 ENGLISH FOR ACADEMIC PURPOSES FOR QUT COURSES:**

The major aim of the English for Academic Purposes course is to assist international students to upgrade their English proficiency level and to meet university entry requirements. This course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

**Courses: QC10****Prerequisites: Successful completion of the EAP entry test or an IELTS score of at least 5.0 (with reading and writing sub-score of at least 5.0) or approved equivalent.****Contact hours: 25 per week****Credit points: 48****Campus: KG****Sem: 1, 2, 3****► QCE005 ENGLISH FOR TERTIARY PREPARATION STUDIES**

The aim of the ETP course is to assist international students to enhance their academic language skills in order to be successful in their chosen program. The course is designed to prepare students for independent study and to familiarise them with an Australian academic setting in terms of study techniques and student/lecturer relations and expectations.

**Courses: QC22****Prerequisites: IELTS score of 5.5****Contact hours: 25 hours****Credit points: 8****Campus: KG****Sem: 1, 2, 3****► QCF111 TERTIARY PREPARATION STUDIES 1**

This unit introduces students to the study and learning skills required in an Australian university while gaining an understanding of the Australian culture and society. It includes the following topics: Australia's indigenous people, a brief review of Australian history, the family and multiculturalism, using the computer to gather information and communicate in an academic environment, assignment presentation, study skills and examination techniques.

**Courses: QC02, QC04****Contact hours: 5 per week****Credit points: 12****Campus: KG****Sem: 1, 2, 3****► QCF112 COMMUNICATION 1**

This unit is designed to help students communicate successfully in a variety of situations. It includes the fundamentals of both oral and written communications set within the context of a number of academic situations; oral communication; effective listening skills; knowledge of how to conduct a seminar; the gathering of information from a variety of sources and its organisation for specific purposes; the various writing genres and the correct use of conventions in the English language.

**Courses: QC02, QC04**

**Contact hours:** 6 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF115 FOUNDATION ENGLISH

This unit is designed to continue the development of reading, writing, speaking and listening skills in English to prepare students for further studies in Foundation Communications. A variety of everyday English literature and real-life situations is incorporated, with the emphasis being on active participation by students, as individuals and as group members. Such activities provide students with the skills to explore and use the English language in different contexts. Basic computing skills for word processing and the use of QUT computing services are developed.

**Courses:** QC04

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1

### ► QCF120 ACCOUNTING 1

This unit introduces the essential concepts of debit and credit; processing of financial transactions via journals and ledger through to trial balance for a sole-trading enterprise; end of accounting period adjustments and final reports, specifically preparation of Profit and Loss statements and Balance Sheets and accounting controls over cash.

**Courses:** QC02, QC04

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF121 ECONOMICS 1

This unit introduces students to major economic issues; the basics of economic literacy necessary for future tertiary studies; a working knowledge of the global economy; an understanding of economic problems with particular reference to Australia; the main economic systems; the purpose of a five-sector model and the functions and characteristics of each sector.

**Courses:** QC02, QC04

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG

### ► QCF122 ORGANISATIONS AND MANAGEMENT

This unit provides students with an appreciation of what it is like to be part of an organisation, recognising that they play a major role in all aspects of our lives. Increasingly we are in an international environment where the emphasis is on the use of information, the ability to learn and innovate, and to handle change. The unit focuses on the skills and the understanding of concepts that are needed in all areas of organisational life and which contribute to job and life satisfaction.

**Courses:** QC01, QC02, QC04

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF153 PHYSICAL SCIENCES 1

This unit introduces students to scientific study and research processes and the basic principles underlying physics and chemistry; heat and temperature; geometric properties of light; reflection and refraction; diffraction and interference; introduction to electricity and magnetism; the atom; chemical periodicity; chemical names and formulas; chemical bonding; chemical quantities; chemical reactions, stoichiometry; thermochemistry; the behaviour of gases; water and aqueous systems, properties of solutions.

**Courses:** QC02, QC04

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF156 MATHEMATICS A1

This unit focuses on basic rules of arithmetic; ratio, percentages and proportion; introduction to statistics; averages and interpretation of graphs; dispersion and graphical display; probability; arrangements and combinations; basic measurement, area and volume; spending money; borrowing money and investment.

**Courses:** QC02, QC04

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF157 MATHEMATICS B1

This unit focuses on basic algebra; equations (including simultaneous equations); functions (including polynomials, exponential, logarithmic) and their graphs; growth and decay; introduction

to trigonometry; factorisation; analytical geometry; averages; interpretation of graphs and probability.

**Courses:** QC02, QC04

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF160 INTRODUCTION TO CREATIVITY

In this unit students investigate the nature of the creative culture and practice in relation to a variety of practices, including design, performance and production. It takes into account theories of creative process as well as industry applications and contexts. This unit assists students to understand and use the language of the performing and visual arts.

**Courses:** QC01, QC02, QC04

**Contact hours:** 4 hours per week **Credit points:** 12

**Campus:** KG

**Sem:** 1, 2, 3

### ► QCF210 APPLIED PSYCHOLOGY

This unit introduces students experientially to the scientific study of human behaviour and mental activity. Topics include people, the world around us and building relationships; memory, cognition and intelligence; learning approaches; personality; vocational behaviour; stress; abnormal behaviour; motivation and emotion; working in groups and social influences.

**Courses:** QC01, QC02, QC04

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF211 TERTIARY PREPARATION STUDIES 2

This unit develops the skills initiated in Tertiary Preparation Studies 1; Australian government and law; foreign policy; oral presentations and preparation and presentation of a report

**Courses:** QC01, QC02, QC04

**Prerequisites:** QCF111 or equivalent studies  
**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF212 COMMUNICATION 2

This unit promotes clear and concise writing in particular genres (essays, assignments and reports) pertinent to undergraduate study; mastery of basic primary and secondary research skills related to assignment tasks; effective oral communication in seminar presentations and tutorial discussion; effective listening in lecture situations and answering exam questions with an awareness of relevance and time management.

**Courses:** QC01, QC02, QC04

**Prerequisites:** QCF112 or equivalent studies  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF220 ACCOUNTING 2

This unit examines various accounting sub-systems such as 10-column worksheets, control accounts and subsidiary ledgers; inventory and fixed asset systems; accounting for credit transactions; budgeting; cash flow and financial analysis techniques useful for management.

**Courses:** QC01, QC02, QC04

**Prerequisites:** QCF120 or equivalent studies  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF221 ECONOMICS 2

This unit introduces students to the study of macroeconomics. Topics include the five-sector model, the trade cycle, inflation and unemployment, government policy and the external sector.

**Courses:** QC01, QC02, QC04

**Prerequisites:** QCF121 or equivalent studies  
**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF230 INFORMATION PROCESSING

This unit introduces students to a range of problem-solving techniques and shows how these can be used to solve various problems using an object-oriented programming language; the foundation of relational databases in terms of storing, altering and retrieving information, using SQL for its implementation; a basis for the specification and implementation of information systems using relational algebra.

**Courses:** QC01, QC02, QC04

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** KG

**Sem:** 1, 2, 3

### ► QCF240 LEGAL STUDIES

This unit introduces students to the Australian legal system through an examination of the meaning of law, the role of the courts and parliament, the importance of judicial precedent and alternative methods of dispute settlement; the fundamental elements of the law of torts including negligence, defamation, nuisance, assault and battery and trespass to land; the law of contract including the formation of a contract, the factors that may affect the validity of a contract and the circumstances leading to the discharge of a contract; an exploration of the theoretical basis of criminal law and an investigation of its operation in practice

**Courses:** QC01, QC02, QC04

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 3

### ► QCF252 LIFE SCIENCE

This unit examines the themes of life, macromolecules, metabolism, cell structure, cell processes, biological diversity, plant and animal physiology. The unit emphasises practical skills both in the laboratory and in the field.

**Courses:** QC01, QC02, QC04

**Prerequisites:** QCF153 or equivalent studies

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 2

### ► QCF254 PHYSICS

This unit introduces students to mechanics, sound, light, electricity; magnetism; electronics and nuclear physics. Relevance to the real world activities is stressed by discussing the various applications of concepts learned.

**Courses:** QC01, QC02, QC04

**Prerequisites:** Physical Sciences 1

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF255 CHEMISTRY

This unit prepares students for tertiary study in the applied sciences and provides a solid foundation in basic chemistry and experimental techniques; elements, atoms and ions, modern atomic theory; chemical bonding; inorganic compounds; chemical reactions and energy; water and solutions; gases; acids and bases; oxidation-reduction reactions and electrochemistry; reaction rates and chemical equilibrium and introductory organic chemistry.

**Courses:** QC01, QC02, QC04

**Prerequisites:** Physical Sciences 1

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF256 MATHEMATICS A2

This unit focuses on basic algebra; introduction to trigonometry; normal distribution; hypothesis testing; contingency tables; regression analysis; binomial distribution; inferential statistics; earning money; interest; annuities and t-Distribution.

**Courses:** QC01, QC02, QC04

**Prerequisites:** QCF156 or equivalent studies

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF257 MATHEMATICS B2

This unit focuses on rate of change; the derivative; stationary points; curve sketching; optimisation; integration; probability distribution; the binomial distribution; normal distribution; hypothesis testing; dispersion, graphical display.

**Courses:** QC01, QC02, QC04

**Prerequisites:** QCF157 or equivalent studies

**Contact hours:** 5 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

### ► QCF260 PROFESSIONAL STUDIES

In this unit, students investigate the nature of problem solving within creative structures and frameworks. Students work in a team environment using critical thinking and problem-solving frameworks to inform the development of a product or outcome. The unit provides students with individual and group problem-solving models, lateral thinking strategies and group work skills.

**Courses:** QC01, QC02, QC04

**Contact hours:** 4 per week **Credit points:** 12  
**Campus:** KG **Sem:** 1, 2, 3

**► QCS230 COMPUTING**

Designed to give international students the computing ability to function in tertiary studies in Australia, this unit covers access to the QUT network, Microsoft Windows, email, Internet, word processing and presentation, and the use of technology for research.

**Courses:** QC03

**Contact hours:** 3 per week

**Campus:** KG

**Sem:** 1, 2, 3

**► SCB222 EXPLORATION OF THE UNIVERSE**

This unit provides an introduction to optical observational astronomy; instrumentation; celestial sphere and astronomical coordinates; observations of constellations, stars, planets, clusters and other interesting celestial objects. The theory includes optics of telescopes; properties of light; determination of physical properties of stars; nebulae; stellar spectra and classification; historical models of the solar system; Kepler's law; gravitation; physical geology of the planets and formation of the solar system; phenomena of astronomical origin; brief introduction to stars and galaxies. The course includes practical exercises and field trips.

**Courses:** ED50, IF71, SC01

**Contact hours:** 5 per week **Credit points:** 12

**Campus:** GP

**Sem:** 2

**► SCB301 SCIENCE FOR DEAN'S SCHOLARS**

The content of this unit is offered through a series of approximately six modules, of which students are required to complete three. The range of modules, together with the selection required, ensures that students have a broad foundation for advanced studies. The modules offered include Life Sciences, Chemistry, Physics, Mathematics, Statistics, and Environmental Science.

**Courses:** SC01 + SC60 (Dean's Scholars Accelerated Honours Program)

**Contact hours:** 20 per week (for five weeks)

**Credit points:** 24

**Campus:** GP

**Sem:** 3

**► SCB303 TUTORIAL PROGRAM FOR DEAN'S SCHOLARS**

The content of this unit is designed in a consultative process involving the student, the academic mentor, and the Dean. The unit aims to allow the study of topics and concepts in science that will support the student's progress in initial studies in advanced level units.

**Courses:** SC01 + SC60 (Dean's Scholars Accelerated Honours Program)

**Prerequisites:** SCB301

**Credit points:** 12

**Campus:** GP

**Sem:** 1

**► SCB384 CRIME SCENE AND FORENSIC SCIENCE**

In this unit, students are introduced to the general philosophy of forensic science as it relates to the crime scene, the role of the justice system, the forensic scientist, and some of the topics at the forefront of crime investigation. These include the role of DNA profiling; computer crime; fraud; CBR (Chemical, Biological and Radiological) agents and explosives in counter terrorism. The lectures are supported by laboratory practicals, workshops, and demonstrations.

**Courses:** SC01

**Contact hours:** 4 per week

**Credit points:** 12

**Campus:** GP

**Sem:** 1

**► SCB401 RESEARCH METHODS FOR DEAN'S SCHOLARS**

This unit includes a literature review, experimental design, research proposal formulation, and writing and presentation of a research proposal.

**Courses:** SC01 + SC60 (Dean's Scholars Accelerated Honours Program)

**Prerequisites:** Either (a) SCB301 and SCB303, or (b) completion of at least 8 units in the SC01 program, including at least 3 Faculty core units from List A and at least 3 from List B, with a GPA of at least 6.5

**Contact hours:** Arranged by academic mentor

**Credit points:** 12

**Campus:** GP

**Sem:** 1, 2

**► SCB501-1 RESEARCH PROJECT FOR DEAN'S SCHOLARS**

This unit includes an individually tailored research project carried out under the supervision of a research mentor.

**Courses:** SC01 + SC60 (Dean's Scholars Accelerated Honours Program)

**Prerequisites:** SCB401

**Credit points:** 24

**Campus:** GP

**Sem:** 1, 2

**► SCB501-2 RESEARCH PROJECT FOR DEAN'S SCHOLARS**

This unit includes an individually tailored research project carried out under the supervision of a research mentor.

**Courses:** SC01 + SC60 (Dean's Scholars Accelerated Honours Program)

**Prerequisites:** SCB401

**Credit points:** 24

**Campus:** GP

**Sem:** 1, 2

**► SPB001 HUMAN DEVELOPMENT AND EDUCATION**

This unit includes the following: life span development for students interested in early childhood, primary or secondary schooling; theoretical perspectives on human development; cognitive, language, moral and social-emotional development; understanding differences in learners, the impact of ethnicity and culture on human development, exceptional development, and the concept of inclusive education.

**Courses:** ED43, ED50, ED51, ED52, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** EXT

**Sem:** 1, 2

**► SPB002 PSYCHOLOGY OF LEARNING AND TEACHING**

This unit includes the following: theories of learning; metacognition; motivation; problem-solving, thinking and creativity; intelligence and thinking styles; psychological dimensions of assessment; creating optimum environments for learning; teaching and learning implications of ethnicity and culture; teaching to difference in a context of inclusive education.

**Courses:** ED26, ED50, ED51, ED52, ED53, ED55, ED56, ED57, IF70-79, IF81, IF82, IF83, IF84

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1, 2

**► SPB003 TEACHING CHILDREN WITH LOW INCIDENCE DISABILITIES AND HEALTH PROBLEMS**

This unit provides an introduction to a wide range of low incidence exceptionalities (for example sensory impairments, developmental delay and health impairments such as epilepsy, asthma and hepatitis, and so on). It also addresses methods of managing associated disabling conditions, the implementation and evaluation of programming, and support and referral services.

**Courses:** ED90, ED91, ED92, ED82, ED50, ED51, ED52, ED54, ED55, IF70-79

**Prerequisites:** SPB001, SPB002

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 2

**► SPB004 TEACHING STUDENTS WITH LEARNING DIFFICULTIES**

This unit integrates a basic understanding and application of learning theory as it applies to exceptional populations. It focuses on approaches to teaching particular exceptional groups and provides an opportunity for development of specialist skills and resources in one of the following areas: (a) students with learning difficulties; (b) gifted students; (c) students with low incidence disabilities, for example hearing impaired, visually impaired or physically handicapped; (d) behaviourally or emotionally disturbed students.

**Courses:** ED43, ED50, ED51, ED52, ED54, ED55, ED90, ED91, ED92, ED82, IF70-79, IX01-09

**Prerequisites:** 48 credit points of Education Studies including SPB001, SPB002

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 1, 2

**► SPB006 EDUCATIONAL COUNSELLING**

This unit includes the following: the nature of counselling/helping in educational contexts; the educator as counsellor; characteristics of effective

helpers; practical development of communications skills; building an empathic relationship; structuring the counselling process; application of some counselling theories to the educational contexts; practical sessions using educationally based role plays to demonstrate effective use of the skills learned. This is a compulsory study school for external students. It is incompatible with studies in Counselling or equivalent at Diploma of Teaching level.

**Courses:** ED13, ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED61, ED47, ED91, ED82, IF70-79

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1, 2, 3

**► SPB007 HUMAN SEXUALITY AND LEARNING**

This unit addresses key topics in sexual behaviour and learning such as heterosexual and homosexual sexuality across the life span, contraception, abortion, STDs, child sexual abuse, sexual assault, pornography. It considers the implications for school, community, and healthcare workers and educators, with emphasis on the former.

**Courses:** ED90, ED91, ED92, ED82, IX01-IX09, ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1, 2

**► SPB008 THE MIDDLE YEARS OF SCHOOLING**

This unit provides an understanding of the developmental needs and interests of young adolescents and reform initiatives being implemented by schools to address these issues. The unit analyses the work of agencies and major reports in the middle years of schooling and examines aspects of research focusing on reform in curriculum, pedagogy and the way schools are organised. The unit is one of four units forming a pathway into the middle years of schooling for primary and secondary teaching.

**Courses:** ED90, ED91, ED92, ED82, ED26, ED50, ED51, ED55, IF70-79

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, CB

**Sem:** 2

**► SPB009 RESEARCH METHODS IN EDUCATION**

This unit includes the following: development of an awareness and understanding of the research process for a historical, sociocultural, ethical and theoretical perspective; the validity, applicability and suitability of various research strategies for specific educational endeavours; comprehension and evaluation of research findings drawn from a variety of perspectives, paradigms and methodologies; development of skills to conduct research appropriate to answer questions.

**Courses:** ED23, ED26, ED28, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** EXT

**Sem:** 1

**► SPB010 EDUCATION, LAW AND THE BEGINNING TEACHER**

This unit includes the following: legal literacy; sources of education law; students and rights; students, law and schools; parents, law and education; teachers, rights and obligations; teachers and school-based accidents; educational malpractice.

**Courses:** ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED90, ED91, ED92, ED82, IF70-79

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG

**Sem:** 2

**► SPB011 LEARNING/TEACHING ENVIRONMENTS**

This unit addresses the following: the environmental context for learning/teaching; the range of learning environments in education; how people interact in different learning environments; the design of learning experiences for people in non-formal learning contexts.

**Courses:** ED43, ED47, ED50, ED51, ED52, ED54, ED55, IF70-79

**Prerequisites:** 48 credit points of Education Studies

**Contact hours:** 3 per week

**Credit points:** 12



Campus: KG

Sem: 2

**► SPB012 CLASSROOM AND BEHAVIOUR MANAGEMENT**

The aim of this unit is to integrate concepts of behaviour development, management and discipline within a defensible pattern of classroom management and appropriate curricula processes.

**Courses:** ED43, ED47, ED50, ED51, ED52, ED54, ED55, ED91, ED90, ED91, ED92, ED82, IF70-79

**Credit points:** 12

**Campus:** KG, EXT

Sem: 1, 2

**► SPB015 GETTING IT ALL TOGETHER: TEACHERS- PROFESSIONAL WORK IN THE DIFFERING CONTEXTS OF THE PRIMARY CLASSROOM**

This unit is designed to address the multidimensional, diverse and complex nature of teachers' professional work in the primary classroom with a view to developing, in graduating teachers, an holistic, comprehensive and critical approach to the curriculum dilemmas that permeate their work.

**Courses:** ED51

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG

Sem: 2

**► SPB016 TEACHERS AND THE CURRICULUM**

This unit includes the following; development of concepts and strategies essential to the processes of school-based curriculum development and the design, implementation and evaluation of relevant school programs; the significance of curriculum in the broader sense to a spectrum of individual professional teaching perspectives.

**Courses:** ED26, ED50, ED51, ED53, ED55, ED61, IF70-79

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

Sem: 1, 2, 3

**► SPB018 TEACHING STRATEGIES**

This unit includes the following; evaluation of the students' teaching strategies; the literature on teaching strategies; critical evaluation of strategies/models of teaching available.

**Courses:** ED26, ED50-52, ED54, ED55, ED61, ED47, ED90, ED91, ED92, ED82, IF70-79

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG

Sem: 1, 2

**► SPB019 INTRODUCTION TO EDUCATIONAL ADMINISTRATION**

This unit provides an introduction to educational administration with particular reference to the theory and practice of work roles, motivation, leadership, decision making, change, conflict, needs assessment and presentation of written reports for various educational settings.

**Courses:** ED26, ED43, ED50, ED51, ED52, ED54, ED55, IF70-79

**Credit points:** 12

**Campus:** EXT

Sem: 2

**► SPB020 CLASSROOM ASSESSMENT PRACTICES**

This unit includes the following; examination of nature and purpose of assessment; traditional and contemporary developments in the assessment of students in a range of settings; test construction and validation; record keeping and reporting, with emphasis on practical applications by practising teachers.

**Courses:** ED90, ED91, ED92, ED82, ED26, ED43, ED50-55, ED61

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

Sem: 2

**► SPB022 THE MIDDLE YEARS CURRICULUM**

This unit enables students to gain an appreciation of the middle school movement and how this has the potential to impact on the needs and interests of young adolescents. The focus is on a more integrated approach to curriculum, teaching strategies appropriate to middle schools, and authentic assessment.

**Courses:** ED26, ED50, ED51, ED55, ED91, ED82, IF70-79

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, CB

Sem: 2

**► SPB023 ADULT LEARNING AND DEVELOPMENT**

This unit addresses the psychological foundations of human learning with special emphasis on adults. Contemporary theories and research issues such as cognition and learning, the effect of motivation on learning, understanding group dynamics, self/identity development, and creating effective learning environments are explored.

**Courses:** ED54, ED26

**Credit points:** 12

**Campus:** EXT

Sem: 2

**► SPB025 THE INDIVIDUAL IN ADULT AND WORKPLACE EDUCATION**

This unit involves tailoring instruction to the needs and strengths of individuals and acquiring confidence in planning, organising and implementing learning experiences. The focus ranges from setting up initial meetings to creating responsive learning environments and evaluating outcomes in terms of individual learners.

**Courses:** ED54, ED26

**Credit points:** 12

**Campus:** EXT

Sem: 2

**► SPB027 ORIENTATION TO ADULT AND WORKPLACE PROGRAMS**

This unit introduces basic concepts in curriculum and curriculum processes for contemporary adult, workplace and community education. It considers the nature of programs; investigating needs, competencies and outcomes; planning learning opportunities; participant assessment and program evaluation.

**Courses:** ED54, ED26, ED61

**Credit points:** 12

**Campus:** EXT

Sem: 1

**► SPB028 THE GROUP IN ADULT AND WORKPLACE EDUCATION**

This unit provides an introduction to the theory relating to groups and explores processes which occur in adult groups. Participants deal with practical applications for educational settings, with emphasis on developing facilitating skills.

**Courses:** ED54, ED26, ED61

**Corequisites:** SPB029

**Credit points:** 12

**Campus:** EXT

Sem: 1, 2

**► SPB029 INSTRUCTIONAL STRATEGIES FOR ADULT AND WORKPLACE EDUCATION**

This unit involves the exploration of theories and practices related to effective instructional strategies in diverse settings and provides an introduction to skills and concepts required by competent practitioners in formal and non-formal teaching and learning settings within workplaces and communities.

**Courses:** ED54, ED26, ED61

**Corequisites:** SPB027

**Credit points:** 12

**Campus:** KG, EXT

Sem: 2

**► SPB030 PROGRAMMING IN ADULT AND WORKPLACE EDUCATION**

This unit addresses important aspects of responsive programming for adult and workplace education. It covers the planning implementation, evaluation and reflection components of program development, design and delivery.

**Courses:** ED54, ED26

**Prerequisites:** SPB029

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

Sem: 1

**► SPB034 ORGANISATION AND ADMINISTRATION OF ADULT AND WORKPLACE EDUCATION**

Adult and workplace educators are responsible for the effective planning, organisation and management of a broad spectrum of training modules, courses and programs. This unit assists the adult and workplace educator to explore, analyse and apply strategic planning and HRM processes within diverse organisational contexts. Emphasis is placed on an understanding of the concepts and theories associated with enhancing learning at work, and human resource management, in order to guide effective practice.

**Courses:** ED54, ED26

**Prerequisites:** SPB026, CLB304

**Contact hours:** 3 per week

**Credit points:** 12

**Campus:** KG, EXT

Sem: 1

**► SPB035 PRIMARY CURRICULUM AND PEDAGOGIES: INTEGRATED PRIMARY AND MIDDLE YEARS CURRICULUM PROJECT**

This unit focuses on pedagogies, planning and assessment within the curriculum organisers of the New Basics, and the Curriculum Guidelines in the key learning areas. It aims to increase student knowledge and understanding of how curriculum organisers and outcomes can be used to plan intellectually challenging curricula for young children.

**Courses:** ED91

**Credit points:** 12

**Campus:** KG

**► SPB036 PRIMARY CURRICULUM AND PEDAGOGIES: ASSESSMENT AND REPORTING**

Monitoring individual development and designing appropriate intervention programs/units to meet individual needs is the work of all teachers. Thus, the unit provides opportunities for the student to devise ways to monitor student development and to engage with current international, national and state developments that require systemic evaluation of all key learning areas.

**Courses:** ED91

**Credit points:** 12

**Campus:** KG

**► SPB100 INTRODUCTION TO ADULT LEARNING AND DEVELOPMENT**

This unit explores seminal learning theories and the emerging differentiation of these to explain adult learning experiences in diverse and challenging organisational and community contexts.

**Courses:** ED84

**Prerequisites:** SPB102

**Credit points:** 12

**Campus:** KG, EXT

Sem: 1

**► SPB101 GETTING TO KNOW GREAT THINKERS IN ADULT EDUCATION**

The unit introduces students to the broad field that constitutes adult education and the diversity of provision that is available to adults. In order to be effective in adult education roles, it is necessary to have a clear understanding of the nature and foundations of education, specifically as it relates to adults.

**Courses:** ED84

**Credit points:** 12

**Campus:** KG, EXT

Sem: 1

**► SPB102 PROFESSIONAL COMMUNICATION IN ADULT LEARNING CONTEXTS**

This unit introduces students to principles and concepts of professional communication, discourse and information literacy. It builds on students' existing skills and understandings of these areas and encourages them through a range of practical individual and/or small group tasks.

**Courses:** ED84

**Credit points:** 12

**Campus:** KG, EXT

Sem: 1

**► SPB103 PROGRAM DESIGN, ASSESSMENT, REPORTING AND EVALUATION**

After completing this unit, students should be able to design appropriate learning experiences and assessment to maximise the learning of adults, taking into consideration the multitude of demands on the learners and other stakeholders. Students should also be able to design appropriate evaluation processes.

**Courses:** ED84

**Credit points:** 12

**Campus:** KG, EXT

Sem: 2

**► SPB104 PRACTITIONER RESEARCH AND INQUIRY**

After completing this unit, students will be able to conduct basic quantitative and qualitative research methods, justify the selection of appropriate methodologies and relate these methodologies to needs analysis.

**Courses:** ED84

**Credit points:** 12

**Campus:** KG, EXT

Sem: 2

**► SPB105 POLITICS OF DIVERSITY AND IDENTITY**

In this unit, students have an opportunity to learn about social and educational policy drivers nationally and internationally and their impact on diverse learners. Gender implications are also considered.

**Courses:** ED84

**Credit points:** 12

**Campus:** KG, EXT

**► SPB106 MANAGING LEARNING ORGANISATIONS**

In this unit, students examine an educational entity, define its strategic orientation and describe how this orientation affects its planning, structure and leadership as well as its control mechanisms.

**Courses:** ED84

**Prerequisites:** SPB103, SPB104

**Credit points:** 12 **Campus:** KG, EXT

**► SPB107 KNOWLEDGE MANAGEMENT AND LEARNING PARTNERSHIPS**

Using systems theory as a base model, students examine how the legitimate and shadow systems of an organisation or community manage knowledge and identify the creative processes needed to assist the organisation or community in far-from-certainty external environments.

**Courses:** ED84 **Prerequisites:** SPB105, SPB106

**Credit points:** 12 **Campus:** KG, EXT

**► SPB108 CAREER DEVELOPMENT AND PROFESSIONAL FUTURES**

Career planning for all workers, including adult learning professionals, is now a lifelong task rather than a matter of a good initial choice. This capstone unit will prepare graduates to track where the next opportunities may arise, for themselves and for the clients with whom they work, and to prepare for these opportunities through continual learning.

**Courses:** ED84

**Credit points:** 12

**Campus:** KG, EXT

**► SPB109 MUSEUMS: PLACES OF LEARNING**

Although visits to museum settings are common place as a part of most schools' formal curricula, there is much evidence that teachers need to further their understanding of the learning potential and multiple ways in which these experiences can be used. This unit is designed to explore the nature and character of 'museum learning', and examine ways which teachers might optimise students' and children's experiences in and beyond museum settings.

**Courses:** ED90, ED91, ED92, ED82, ED50,

ED51, ED52, ED54, ED55, ED43, IF70-79

**Credit points:** 12

**Campus:** KG

**Sem:** 2

**► SPN610 ADVANCED EDUCATIONAL COUNSELLING**

This unit provides students with an overview of major theories of counselling and assists them in the development of a framework using one of these approaches that they may use as a basis for their counselling.

**Courses:** ED09, ED13, ED11, ED61

**Prerequisites:** LEB441, SPB006

**Credit points:** 12 **Incompatible with:** LEB442

**Campus:** KG

**Sem:** 2

**► SPN611 EDUCATIONAL COUNSELLING PROFESSIONAL PRACTICE**

This unit includes discussions of the following: professional practices of educational counsellors working in the P-12 context; intervention, prevention, affective, and developmental programs; adolescent issues and career counselling; consultation, models, theories and practices; self-management skills; time management; program evaluation; accountability; decision-making.

**Courses:** ED09, ED13, ED11, ED61

**Credit points:** 12

**Campus:** KG

**Sem:** 2

**► SPN612 PSYCHOEDUCATIONAL ASSESSMENT**

Students gain a broad understanding of the various types of assessment techniques and strategies used in the educational context to develop understandings and capacities that advance learners from basic competence in professional practice to confident and ethical leadership in learning innovation in school guidance and counselling.

**Courses:** ED13, ED11, ED28 **Credit points:** 12

**Campus:** KG

**Sem:** 1

**► SPN613 LEARNERS WITH SPECIAL NEEDS: PROGRAMMING FOR INCLUSIVE EDUCATION**

Teachers learn to understand the development and learning performance of students with special

needs from a functional perspective. Particular attention is paid to understanding the nature of learning, to diagnosing cognitive and affective coping and problem solving strategies, and to harnessing students' desire to learn.

**Courses:** ED09, ED13, ED11 **Credit points:** 12

**Campus:** EXT

**Sem:** 1

**► SPN614 TEACHING STUDENTS WITH LEARNING DIFFICULTIES OR DISABILITIES**

Teachers should view students as individuals who require different kinds of support and not as educational failures. Competing models for explaining the aetiology and characteristics of learning/literacy difficulties are evaluated and their educational implications explored.

**Courses:** ED09, ED13, ED11

**Campus:** KG, EXT

**Sem:** 2

**► SPN615 MANAGING LEARNERS WITH DISABILITIES AND CHALLENGING BEHAVIOURS IN THE CLASSROOM**

This unit aims to provide theoretical and practical knowledge for regular and special educators working in the area of behaviour management in schools. Preventative behaviour management practices are addressed for the school and classroom and more specialised skills and strategies that may be utilised with challenging behaviour will be examined.

**Courses:** ED09, ED13, ED61 **Credit points:** 12

**Campus:** KG, EXT

**Sem:** 2

**► SPN616 INNOVATIONS IN PROGRAMS AND PLANNING FOR BEHAVIOUR MANAGEMENT**

This unit develops the ability to take the initiative to embrace innovation and to manage change productively as leaders in education and learning by implementing programs for learners and fellow professionals.

**Courses:** ED09, ED13, ED61, ED11

**Credit points:** 12

**Campus:** EXT

**Sem:** 2

**► SPN617 FOUNDATIONS OF BEHAVIOUR AND CLASSROOM MANAGEMENT**

This unit promotes the development of critical knowledge and skills so teachers can show leadership in constructing innovative and comprehensive ways to develop appropriate conduct and manage problematic behaviour in their professional environment.

**Courses:** ED09, ED11, ED13, ED61

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** EXT

**Sem:** 1

**► SPN618 INNOVATIVE CAREER DEVELOPMENT PROGRAM**

The unit aims to encourage learners to engage in lifelong learning and, within the context of career development practice, lead innovations in the delivery of career development programs to a wide range of audiences in the community.

**Courses:** ED09, ED13, ED11, ED61

**Credit points:** 12

**Campus:** KG

**Sem:** 1, 3

**► SPN619 CONSTRUCTING CAREER THEORY**

The unit aims to provide students with an overall view of extant theories of career development. Major theories which have a significant impact on empirical and practical work are covered. Less well developed emerging theories are also covered. Students are encouraged to understand the relevance of theory to their own practice.

**Courses:** ED09, ED11, ED13, ED61

**Credit points:** 12

**Campus:** EXT

**Sem:** 2

**► SPN620 CAREER COUNSELLING**

The unit encourages learners to critically evaluate these perspectives to formulate a personal position with respect to their career counselling practice. Students have the opportunity to gain experience in the application of traditional and emerging career counselling processes, and to contribute to innovation in supporting the role of career counselling in a new career guidance context of career self-management.

**Courses:** ED09, ED13, ED61

**Prerequisites:** SPB006 or SPN610

**Credit points:** 12

**Campus:** KG

**Sem:** 1, 3

**► SPN622 PREVENTIVE LEGAL RISK MANAGEMENT IN LEARNING CONTEXTS**

The core aim of the unit is to provide students with a level of legal literacy sufficient to implement and practice sound preventive legal risk management strategies.

**Courses:** ED09, ED61, ED13, ED11

**Credit points:** 12

**Campus:** EXT

**Sem:** 2

**► SPN624 ADULT AND PROFESSIONAL LEARNING**

The focus of this unit is on how theories can be used to interpret and explain concepts such as knowledge construction skills, acquisition, transferability/ adaptability of knowledge and skills, effects of prior knowledge, higher order problem finding and solving skills, the development of the self, and individual beliefs and values.

**Courses:** ED09, ED13, ED11, ED61

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** EXT

**Sem:** 1

**► SPN625 CHANGING AGENDAS IN LEADERSHIP**

The aim of this unit is to enhance the leadership understanding and capabilities for both current leaders and those aspiring to such positions in organisations today and the future. This aim is set in a broader understanding of notions of shared and multiple leadership concepts.

**Courses:** ED09, ED13, ED11, ED61

**Credit points:** 12

**Campus:** KG, EXT

**Sem:** 1, 3

**► SPN626 LEADING AND MANAGING PEOPLE**

The aim of this unit is to enhance the understandings and capabilities of leaders to manage their organisation's human resources in rapidly changing and challenging contexts.

**Courses:** ED09, ED13, ED11, ED61

**Credit points:** 12

**Incompatible with:** PRN630, PRN631, PRN632

**Campus:** KG, EXT

**Sem:** 2

**► SPN627 POLICY DEVELOPMENT AND ANALYSIS**

The aim of this unit is to develop in students critical understandings about the policy process: policy development, implementation, effectiveness and evaluation.

**Courses:** ED09, ED13, ED11, ED61

**Credit points:** 12

**Campus:** EXT

**Sem:** 2

**► SPN628 LEADERSHIP FOR CHANGE**

The overall aims of this unit are for students to better understand change in organisations and to be able to apply these understandings in their own organisational contexts.

**Courses:** ED09, ED13, ED11, ED61

**Credit points:** 12

**Campus:** EXT

**Sem:** 1

**► SPN629 CURRENT ISSUES IN LEADERSHIP**

The aim of this unit is to enhance the understandings of leaders and aspiring leaders regarding some of the current and emerging leadership and organisational agendas.

**Courses:** ED09, ED13, ED11, ED61

**Credit points:** 12

**Campus:** EXT

**Sem:** 1

**► SPN633 CRITICAL FRAMEWORKS FOR ANALYSING THE MIDDLE YEARS OF SCHOOLING**

This unit provides teachers with an opportunity to develop innovative approaches to their work by enabling them to analyse their context through a range of critical frameworks, design appropriate and effective learning programs that address that context and develop approaches to leadership that enable their ideas to extend beyond their own context.

**Courses:** ED09, ED61, ED13

**Contact hours:** 3 per week **Credit points:** 12

**Campus:** EXT

**Sem:** 1, 3



► **SPN634 RETHINKING PROGRAMS AND PEDAGOGIES: THE MIDDLE YEARS OF SCHOOLING**

The aim of this unit is to provide teachers with an opportunity to develop innovative curriculum and pedagogy that are relevant to middle school contexts. It enables them to build understanding of a research approach and blend this with their own personal experiences.

**Courses:** ED09, ED61, ED13 **Credit points:** 12  
**Campus:** EXT **Sem:** 1

► **SPN635 ASSESSMENT AND REPORTING IN THE MIDDLE YEARS OF SCHOOLING**

This unit aims to develop educators and create new understandings about assessment and reporting in a manner that enables them to design innovative approaches for their own contexts. It aims to develop confidence in educators so that they can engage in this work, and also develop leadership capacities with regard to assessment and reporting to that they can lead whole school initiatives in the area.

**Courses:** ED09, ED61, ED13 **Credit points:** 12  
**Campus:** EXT **Sem:** 2

► **SPN637 MANAGING KNOWLEDGE IN LEARNING ORGANISATIONS**

The aim of this unit is to give students a basic model so that they can analyse the knowledge assets of an organisation and understand the processes used by organisations to manage knowledge assets.

**Courses:** ED09, ED61, ED13 **Credit points:** 12  
**Campus:** EXT **Sem:** 1

► **SPN638 EDUCATION LAW**

Educational institutions are being increasingly confronted by areas of law to such an extent that their policies and practices are now being driven by legal imperatives. Consequently, educators require a level of legal literacy sufficient to manage the many legal problems that arise in educational settings.

**Courses:** ED09, ED61, ED13 **Credit points:** 12  
**Campus:** EXT

► **SPN640 DEVELOPMENTAL AND EDUCATIONAL ASSESSMENT**

This unit provides students with an opportunity for foundation study of principles and methods for assessing individual development and personal characteristics. Underlying this unit is the assumption that the purpose of assessment is to collect information which will be used to design interventions.

**Courses:** IX20 **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **SPN641 INTERVENTIONS IN EDUCATIONAL AND DEVELOPMENTAL PSYCHOLOGY**

This unit aims to equip students with a range of applied strategies for evidence-based prevention and intervention within educational and developmental contexts. Practical skills need to be founded on a deep conceptual understanding of the links between assessment and intervention.

**Courses:** IX20 **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **SPN642 LEARNING DIFFICULTIES: ASSESSMENT AND INTERVENTION**

The aim of the unit is to provide students with a sound knowledge of learning processes, and methods for assessing individuals with learning difficulties. It also aims to introduce students to a variety of appropriate interventions for individuals with learning difficulties and associated impairments.

**Courses:** IX20 **Credit points:** 12  
**Prerequisites:** SPN640 **Campus:** KG **Sem:** 2

► **SPN643 DEVELOPMENTAL PROCESSES AND DISABILITY**

The aim of the unit is to equip students with a sound framework on which to base their professional practice. Working effectively with individuals with a range of disabilities, their families, schools and communities requires knowledge about the ways in which development may be compromised by disability, and the ways in

which contextual influences contribute to developmental outcomes.

**Courses:** IX20 **Credit points:** 12  
**Campus:** KG **Sem:** 1

► **SPP500 LEARNERS WITH SPECIAL NEEDS**

This unit provides an overview of special educational needs of school (p-12) and TAFE College learners arising from cognitive, behavioural, sociocultural and physical disabilities and differences. The development of effective teaching/learning strategies suited to special educational needs will be a focus of this unit.

**Courses:** ED28, ED61 **Credit points:** 12  
**Campus:** EXT **Sem:** 1

► **SPP501 CONSULTATION AND COMMUNICATION**

This unit aims to provide the theoretical knowledge and practical skills relevant to a consultation and collaboration model of services provided by teachers working in supportive roles within an educational setting. Intra and interpersonal skills are addressed along with a review of the role and responsibilities of learning support teachers in inclusive settings.

**Courses:** ED28, ED61 **Credit points:** 12

► **SPP502 PROGRAMMING FOR STUDENTS WITH LEARNING DIFFICULTIES/DISABILITIES**

This unit provides a review of the research of the impact of learning difficulties/disabilities on learning and in particular on learning literacy. The learning and literacy demands of the curriculum are reviewed and appropriate methods for programming for students with special learning needs are addressed. Key issues considered are consultation and collaboration between regular and support teachers.

**Courses:** ED28, ED61 **Credit points:** 12  
**Campus:** EXT **Sem:** 1

► **SPP503 LITERACY AND LEARNING**

This unit includes the following: review of significant learning difficulties/disabilities among learners in schools and post-secondary education; foundation studies in language and learning; assessment and monitoring of literacy related curriculum tasks; test interpretation and development; related approaches to teaching; informed by principles derived from psycholinguistics, metacognition, process approaches to literacy and constructivist approaches to learning within an inclusive education framework.

**Courses:** ED28 **Credit points:** 12

► **SPP504 CURRICULUM: LEARNERS WITH SPECIAL NEEDS**

This unit includes the following: introduction to curriculum development and situational/self-analysis; innovative program approaches for learners with special needs; changing ourselves and our educational environments; evaluation of curriculum development; resource teacher support for school-based curriculum development; human relationships education and participation and equity.

**Courses:** ED28 **Credit points:** 12