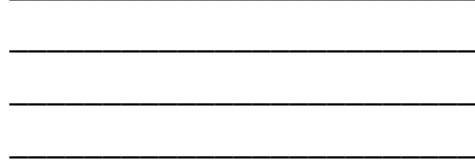


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HANDBOOK



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

Information compiled in November 2003

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Compiled by Student Business Services, Information Management Unit

ISSN 1034-3989

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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 36,000 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.

INFORMATION

In addition to the handbook, the University produces a range of publications to which the public has 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.

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 three divisions.

The faculties are:

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

The divisions are:

- Administrative Services
- Information and Academic Services
- Research and Advancement.

PRINCIPAL DATES

The schedule of dates which appears below is the University's official calendar. Not all courses comply with the official calendar in every respect. Detailed information on individual course calendars is available from faculty offices.

PUBLIC HOLIDAYS 2004

1 January	New Year's Day
26 January	Australia Day
9 April	Good Friday
10 April	Easter Saturday
12 April	Easter Monday
26 April	ANZAC Day
3 May	Labour Day
14 June	Queen's Birthday
11 August	Royal National Show
28 December	Christmas Day
27 December	Boxing Day

FIRST SEMESTER 2004

1-5 March	Week 1
8-12 March	Week 2
15-19 March	Week 3
22-26 March	Week 4
29 March-2 April	Week 5
5-9 April	Week 6
12-16 April	Vacation
19-23 April	Week 7
26-30 April	Week 8
3-7 May	Week 9
10-14 May	Week 10
17-21 May	Week 11
24-28 May	Week 12
31 May-4 June	Week 13
7 June	Classes in lieu of Anzac Day Holiday
8 June	Classes in lieu of Labour Day Holiday
9 June	Classes in lieu of Good Friday Holiday
7-11 June	Exam Preparation
12-19 June	Exams
21-26 June	Exams
28-29 June	Exams
5-9 July	Vacation
12-16 July	Vacation

SECOND SEMESTER 2004

19-23 July	Week 1
26-30 July	Week 2
2-6 August	Week 3
9-13 August	Week 4
16-20 August	Week 5
23-27 August	Week 6
30 August-3 September	Week 7
6-10 September	Week 8
13-17 September	Week 9
20-24 September	Week 10
27 September-1 October	Vacation
4-8 October	Week 11
11-15 October	Week 12
18-22 October	Week 13
25 October	Classes in lieu of Royal National Show Holiday
25-29 October	Exam Preparation
1-6 November	Exams
8-13 November	Exams
15-20 November	Exams

SUMMER PROGRAM 2004/2005

22-26 November	Week 1
29 November-3 December	Week 2
6-10 December	Week 3
13-17 December	Week 4
20-24 December	Week 5
27-31 December	Vacation
3-4 January 2005	Week 6
10-14 January	Week 7
17-21 January	Week 8
24-28 January	Week 9
31 January-4 February	Week 10
7-11 February	Week 11
14-19 February	Week 12/Examinations
21-26 February	Examinations/Orientation Week
28 February	First semester 2005 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 15TH AUGUST 2003)

Chancellor (Chair)

Dr C. (Cherrell) Hirst AO, MBBS BEdSt *Qld*

Vice-Chancellor

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

Nominees of the Minister for Education

Mr K. (Keith) Hillless, BE(Elec) *Qld*. Deputy Chancellor. Chairman, Ergon Energy.

Dr F. (Frank) Haly AO, DUniv *QUT*, AAUQ *Qld*, FCA, FASA, CPA. Consultant, Deloitte Touche Tohmatsu.

Mrs L. (Linda) Lavarch, LLB GradDip(Legal Practice) *QUT*. State Member for Kurwongbah

Ms J. (Julie) Withey, LLB BA *Qld*, GradDip(Legal Practice) *QUT*. Consultant, McCullough Robertson Lawyers.

Dr C. (Colin) Dillon, DUniv *QUT*. Policy Advisor, Indigenous Business Consulting.

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

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

Mr J. (Jim) Varghese, BA(Hons) BDivinity *Qld*, DipEd MBA *Melb*. Director-General, Department of Employment and Training.

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

Dr D. (Douglas) McTaggart, BEc *ANU*, MA PhD *Chicago*. Chief Executive Officer, Queensland Investment Corporation.

Mr K. (Ken) Dredge, BE (Chem) *Syd*, BEc *Qld*. Chairman, Tarong Energy Corporation.

Elected General Staff Members

Ms H. (Halima) Goss, DipTeach BAppSc *CQU*. Associate Director (Online Teaching), Manager (Software, Multimedia & Internet Learning Environments), Division of Information and Academic Services.

Miss S. (Susan) Smith, BComm *Griff*, MEdAd *Qld*. School Administration Officer, School of Electrical and Electronic Systems Engineering, 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*, Coordinator (Secondary), School of Professional Studies, Faculty of Education.

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

Ms L. (Leanne) Wiseman, LLB(Hons) *QIT*, LLM *Lond*. Senior Lecturer, Faculty of Law.

Elected Student Members

Ms J. (Jodie) Jansen. President, QUT Student Guild.

Mr S. (Sam) Orr. General Secretary, QUT Student Guild.

Elected Alumni Members

Mr M. (Malcolm) Thatcher, BAppSc (Computing) MAppSc (Computing) *QUT*, BSc(Hons) *Qld*. Managing Director and Chief Executive Officer, Thentec Pty Ltd.

Ms A. (Ann-Maree) McDiarmid, LLB *QUT*, LLM *Monash*. Barrister.

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 2001.

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 (General 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: Professor D.G. Gardiner, BA LLM(Hons) *Syd*

Director, Corporate Communication: P.H. Hinton, BA *Qld*

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

Manager, Oodgeroo Unit: V. Hart

ADMINISTRATIVE SERVICES DIVISION

Registrar — 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: H. Tinsley, BBus *Griff*

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

Director, Facilities Management: A. Frowd, BEng(Hons) *QIT*, MEngSc *Mon*, MEngSc *QUT*, GradDipMgtStud *RAAFC*, MHEAust, CPEng

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

Associate Director, Major Projects: R. Woods, BDesSt *BARCH*

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

Associate Director, Capital Works: A. Perrau, BEng(Hons)

Manager, Publications: I.A. Wynne

Manager (Acting), Secretariat: J. Moloney, BA(Hons) MLitt *Syd*

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

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

FINANCE AND RESOURCE PLANNING DIVISION

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), Planning and Resources: S.E. Johnstone, BA *ANU*, DipContEd *UNE*

Director of Efficiency and Audit: S. Patel, BBus(Acctg)

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

Associate Director, Strategic Information and Analysis/SMARTA: P. Alner, BInfoTech GradDipComm MBus(ComnSt)

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

INFORMATION AND ACADEMIC SERVICES DIVISION

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

Director, Information Technology Services: N. Thelander

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

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

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

Associate Director, TALSS: G.A. Roberts, BA(Hons), DipEd *UNSW*, MScEd EducSpecialist *Indiana*

Associate Director, Central Information Services: J. Dascoli

Manager, Network Services: R.A. Gorham, BE(Hons), Dip-CompSci *Qld*, MBA *Deakin*, MACS, AIMM

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

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

RESEARCH AND ADVANCEMENT DIVISION

Deputy Vice-Chancellor, Research and Commercialisation: Vacant

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

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

Director, International College: E. McDade, TDipCom *Strathclyde*, TCert *Jordanhill*, BEDSt *Qld*, MAcc *Charles Sturt*

Director of Studies, University Entry Programs: L. Niven, MBA GradDipAppLing GradDipReadRec *Griff*, DipEd BA *Qld*

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

Manager, International Marketing Office: K. O'Brien, MA *Trinity*

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

Manager, Office of Research: N.H. Gilbert, BA(Hons) MEd GradDipEdAdmin *Monash*, DipEd *Hawthorn IE*

Manager, Development: D. McDiarmid, BA(Hons) PhD *Qld*, GradDipRE *Mt Gravatt CAE*, MA(Hons) *Syd*, CFRE

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.

ACADEMIC AND STUDENT SUPPORT SERVICES

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

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

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. 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

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.

SNAP: The Student Notebook Access Plan (SNAP) is a program which offers competitively priced notebooks packaged with an extended warranty to QUT students. To find more information look at the SCPS web page at www.scps.qut.edu.au.

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).

Copying, Printing and Digital Media Production

Student Copying and Printing Services (SCPS) provide a wide range of copying, printing and digital media production services for students. Student Copying and Printing Services has service outlets at each of the campus libraries. These service outlets offer a variety of value added services to assist in the preparation of assignments, reports and presentations. The full range of services and campus opening hours can be found on the Student Copying web site at www.scps.qut.edu.au.

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 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 ex-

perienced 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.

Carseldine C Block
Phone: 07 3864 4539

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, 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
Email: bd.thomson@qut.edu.au
Web: www.qut.edu.au/daa/ooodgeroo/

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 3, 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 Info-Line

The Student Info-Line, 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
Web: www.qut.edu.au/ombudsman/

Write to QUT Student Ombudsman
GPO Box 2434
Brisbane QLD 4001

QUT ALUMNI

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. All registered members of the Alumni receive regular news and information on services available to them. Graduates can also register to participate in elections for the QUT Alumni Board.

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 web site 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;
- find out all about QUT Today and the history of the University's origins;

- 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;
- keep in touch with QUT by updating your contact information and stay active in the life of the University;
- learn about the existing Alumni Chapters at QUT;
- discover the Friends of QUT Program which offers close associates of the University (particularly former staff) an opportunity to contribute meaningfully to the current and future activities of the University in a voluntary capacity;
- find out about the services and facilities 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.

Committed alumni, individuals, corporations and government bodies give generously to the University's teaching and research 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. Bequests for general or specific purposes may also be made to the University.

For further information contact QUT Development 07 3864 2950.

QUT 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, craftworkers, musicians and performers. It also hosts a broad-based education program through which participants gain valuable insights into their arts and cultural heritage.

The 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, Riv-erstage, historic campus buildings and Parliament House.

In addition to the core activity of exhibitions and performances, the Cultural Precinct offers unique arts-based educational programs which provide practical ways for the 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.

The 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

Information

Phone: 07 3864 2797
Email: info.culturalprecinct@qut.edu.au
Web site: 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.

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, the Gardens Theatre also features exceptional facilities for audiences including a licenced bar, palm tree atrium, disabled access and Bar Merlo Gardens Theatre.

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

Location

X Block, Main Drive
QUT Gardens Point

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 Cultural Precinct web site at www.culturalprecinct.qut.edu.au.

Information

Phone: 07 3864 4455
Fax: 07 3864 4462
Email: gardenstheatre@qut.edu.au
Web: 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

Museum Hours

Tuesday - Friday: 10am - 4pm
Saturday - Sunday: 12noon - 4pm
Closed Mondays and Public Holidays

Admission

Entry to the museum is free.

Information

Phone: 07 3864 5370
Email: artmuseum@qut.edu.au
Web: 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

QUT CULTURAL PRECINCT

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 (next to City Botanic Gardens)

Opening Hours

Monday - Friday: 10am - 4pm

Admission

Free entry

Information

Phone: 07 3864 8005

Email: info.culturalprecinct@qut.edu.au

Web: www.culturalprecinct.qut.edu.au

QUT STUDENT GUILD

The QUT Student Guild is a service organisation operated for the benefit of the student body. The Guild exists to make a student's time at University easier and more enjoyable. QUT staff and members of the public are also encouraged to join the Guild as associate members.

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. 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

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
- Library Rules (pursuant to QUT Statutes 2 and 3, and to the relevant staff conditions and awards)
- Information Technology 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 registrar¹; 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 require-

ments 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.

¹ See rule 15

PART 4 - FEES AND CHARGES

20. Definitions for this part

In this part:

“HECS” means the higher education contribution scheme.

“HEF Act” means the Higher Education Funding Act 1988 (Cwth) as amended from time to time.

“higher education contribution” means a fee being the contribution for the teaching period in question calculated in accordance with the HEF Act.

21. Imposition of fees and charges

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

(2) The officer or body listed in schedule 2 sets the 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 ² unless all fees and charges specified in these rules have been paid, including any additional higher education contribution 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 under the higher education contribution scheme

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

(2) A student who is liable for a higher education contribution must submit a payment options declaration 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 payment options declaration.

(4) Except as specified in the HEF Act, a student may discharge a liability for a higher education contribution 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 higher education contribution 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 higher education contribution) 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 HEF Act specifies, a student who is normally liable to pay a higher education contribution 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 HECS-liable 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.

² 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 functions³

(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.

³ 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 - HIGHER EDUCATION CONTRIBUTION SCHEME

These fees are set in accordance with rule 23, QUT Student Rules by the authority of the Higher Education Funding Act 1988.

HECS Band Rates for a standard full-time year	2004
Band 1: Arts, Education, Humanities, Justice, Legal Studies, Nursing, Social Studies/Behavioural Science, Visual/Performing Arts	\$3768
Band 2: Administration, Built Environment/Architecture, Business, Computing/Economics, Engineering, Mathematics, other Health Sciences (such as Optometry or Podiatry), Sciences	\$5367
Band 3: Dental Services, Law, Medical Science	\$6283
Non-differential (pre 1997)	\$2830

TABLE B - DOMESTIC POSTGRADUATE TUITION FEES

These fees are set in accordance with rule 24(2), QUT Student Rules by the authority of the Vice-Chancellor.

Course code	Course Title	2004 fees per credit point
BUILT ENVIRONMENT AND ENGINEERING		
AR65	Graduate Certificate in Building Fire Safety	\$90
CE62	Graduate Certificate in Civil Engineering	\$100
CE64	Graduate Diploma in Civil Engineering	\$100
CE74	Master of Engineering (Civil)	\$100
CE75	Master of Engineering Science (Civil Engineering Studies)	\$100
CN64	Graduate Diploma in Project Management	\$100
CN77	Master of Project Management	\$100
CN81	Graduate Certificate in Project Management	\$100
CN89	Doctor of Project Management	\$12,200/yr
CN90	Graduate Certificate in Property Economics	\$100
CN91	Graduate Diploma in Property Economics	\$100
CN92	Master of Property Economics	\$100
DB69	Graduate Diploma in Urban Design	\$90
DB73	Master of Built Environment (Urban Design)	\$90
EE60	Graduate Diploma in Electricity Supply Engineering	\$150
EE61	Graduate Certificate in Computer and Communications Engineering	\$100
EE67	Graduate Diploma in Computer and Communications Engineering	\$100
EE74	Master of Engineering Science (Computer and Communications Engineering)	\$100
EE77	Master of Engineering Science (Electrical Engineering Studies)	\$100
EE78	Master of Engineering Science in Electricity Supply Engineering +additional charges may apply for short course/distance education units	\$150
EE82	Graduate Certificate in Electricity Supply Engineering +additional charges may apply for short course/distance education units	\$150
ME75	Graduate Certificate in Engineering Management	\$100
ME76	Master of Engineering Management	\$100
ME80	Master of Engineering Science (Mechanical Engineering Studies)	\$100
PS73	Graduate Certificate in Geomatics	\$90
PS74	Graduate Diploma in Geomatics	\$90
PS75	Graduate Certificate in Landscape Techniques	\$90
PS76	Graduate Certificate in Landscape Design	\$90
PS77	Graduate Certificate in Advanced Landscape Techniques	\$90
PS78	Graduate Diploma in Geographic Information Systems	\$90
PS79	Graduate Certificate in Geographic Information Systems	\$90
PS82	Graduate Certificate in Planning	\$90
BUSINESS		
BS32	Graduate Certificate in Human Resource Management and Development	\$100
BS39	Graduate Certificate in Business	\$100
BS47	Master of Business Administration/Master of Applied Finance (commencing 2003)	\$190
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

SCHEDULE 2 - FEES AND CHARGES

BS89	Master of Business (Professional Accounting)	\$100
BS93	Master of Business	\$100
BS94	Master of Commerce	\$100
BS95	Graduate Diploma of Philanthropy and Nonprofit Studies	\$90
BS96	Graduate Diploma in Applied Finance	\$100
BS98	Master of Applied Finance	\$100
GS40	Master of Business Administration (commencing 2004)	\$190
GS41	Graduate Diploma in Business Administration (commencing 2004)	\$190
GS42	Graduate Certificate in Business Administration (commencing 2004)	\$190
GS43	Graduate Certificate in Management (commencing 2004)	\$190
GS44	International Master of Business Administration (commencing 2004)	\$190
GS45	Master of Entrepreneurship and Innovation (commencing 2004)	\$190
GS46	Graduate Diploma in Entrepreneurship and Innovation (commencing 2004)	\$190
GS47	Graduate Certificate in Entrepreneurship and Innovation (commencing 2004)	\$190
GS48	Master of Business Administration (major) (commencing 2004)	\$190
GS49	Master of Entrepreneurship and Innovation/Master of Business Administration (commencing 2004)	\$190
GS50	Executive Master of Business Administration (commencing November 2004)	TBA
CREATIVE INDUSTRIES		
KD35	Graduate Certificate in Dance Instruction	\$80
KD36	Graduate Diploma in Creative Industries (Dance Teaching)	\$80
KD42	Master of Creative Industries (Dance Teaching)	\$80
KI35	Graduate Certificate in Creative Industries (Communication Design)	\$90
KI36	Graduate Diploma in Creative Industries (Communication Design)	\$90
KI43	Master of Creative Industries (Communication Design)	\$90
KJ35	Graduate Certificate in Journalism	\$80
KJ36	Graduate Diploma in Journalism	\$80
KM35	Graduate Certificate in Music	\$90
KM36	Graduate Diploma in Music	\$90
KM42	Master of Music	\$90
KP35	Graduate Certificate in Film & Television	\$80
KP36	Graduate Diploma in Film & Television	\$80
KT35	Graduate Certificate in Creative Industries (Drama Teaching)	\$80
KT36	Graduate Diploma in Creative Industries (Drama Teaching)	\$80
KT42	Master of Creative Industries (Drama Teaching)	\$80
KW35	Graduate Certificate in Creative Industries (Creative Writing)	\$80
KW36	Graduate Diploma in Creative Industries (Creative Writing)	\$80
KW37	Graduate Certificate in Creative Industries (Publishing and Editing)	\$80
EDUCATION		
ED13*	Master of Education	\$80
ED14	Master of Education (TESOL)	\$80
ED20*	Graduate Diploma in Education (Early Childhood)	\$70
ED21*	Graduate Diploma in Education (Computer Education)	\$70
ED23*	Graduate Diploma in Education (Educational Management) - Not offered for new enrolments	\$70
ED25*	Graduate Diploma in Education (Teacher-Librarianship)	\$70
ED28*	Graduate Diploma in Education (Learning Support)	\$70
ED61	Graduate Certificate in Education (Generic)	\$80
ED77	Graduate Certificate in Education (TESOL)	\$80
HEALTH		
HL38	Graduate Certificate in Health Science	\$80
HL68*	Graduate Diploma in Health Science	\$80
HL88*	Master of Health Science	\$80
HM34	Graduate Certificate in Rugby Studies	\$70
NS30	Graduate Certificate in Intensive Care Nursing	\$70
NS31	Graduate Certificate in Cancer Nursing	\$70
NS33	Graduate Certificate in Medical/Surgical Nursing	\$70
NS34	Graduate Certificate in Community Practice	\$70
NS35	Graduate Certificate in Paediatric, Child and Youth Health Nursing	\$70
NS36	Graduate Certificate in Women's Health	\$70

SCHEDULE 2 - FEES AND CHARGES

NS39	Graduate Certificate in Aged Care	\$70
NS41	Graduate Certificate in Emergency Nursing	\$70
NS64*	Graduate Diploma in Nursing	\$70
NS68	Graduate Diploma in Midwifery	\$70
NS85*	Master of Nursing	\$70
PU30*	Graduate Certificate in Public Health	\$1100 per unit
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	\$1100 per unit
PU65*	Graduate Diploma in Occupational Health & Safety	\$80
PU85	Master of Public Health	\$1100 per unit
PY08	Graduate Diploma in Psychology (Bridging)	\$70
PY12	Master of Counselling	\$70
PY17	Master of Counselling Psychology	\$70
PY20	Post Graduate Diploma in Psychology	\$70
PY40	Graduate Certificate in Road Safety	\$70
PY41	Graduate Diploma in Road Safety	\$70
HUMANITIES AND HUMAN SERVICES		
HH30	Graduate Certificate in Human Services	\$70
HH31	Graduate Diploma in Social Science	\$70
HH32	Master of Social Science (Human Services)	\$70
INFORMATION TECHNOLOGY		
IT25	Graduate Diploma in Library and Information Studies	\$90
IT35	Graduate Diploma in Information Technology	\$90
IT38	Graduate Diploma in Information Technology	\$90
IT40	Master of Information Technology	\$90
IT45	Master of Information Technology	\$90
LAW		
JS25	Graduate Certificate in Justice Studies	\$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
JS51	Master of Justice	\$90
LP41	Graduate Diploma in Legal Practice	\$80
LW51	Master of Laws by Coursework	\$100
LW60	Graduate Certificate in Law	\$100
LW65	Graduate Certificate in Legal Studies	\$90
LW70	Graduate Diploma in Legal Studies	\$90
SCIENCE		
LS70*	Graduate Diploma in Biotechnology	\$80
LS80	Master of Applied Science (Life Science)	\$80
MA65	Graduate Certificate in Mathematical Science	\$80
MA75	Graduate Diploma in Mathematical Science	\$80
MA85	Master of Mathematical Science	\$80
PH60*	Graduate Certificate in Applied Science (Medical Imaging/Radiation Therapy/Breast Ultrasound)	\$80
PH71*	Graduate Diploma in Applied Science (Medical Physics/Medical Ultrasound/Medical Imaging/Radiation Therapy)	\$80
PH75	Graduate Diploma in Cardiac Ultrasound (commencing 2002)	\$80
PH80*	Master of Applied Science (Medical Physics/Medical Ultrasound/Medical Imaging/Radiation Therapy)	\$80
PH85	Master of Cardiac Ultrasound (commencing 2002)	\$80
INTERFACULTY		
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 and Media Enterprises)	\$100
IF04	Master of Creative Industries	\$100
IF98	Master of Business Administration/Master of Information Technology (Non-IT graduates) (commencing 2004)	\$190
IF99	Master of Business Administration/Master of Information Technology (IT graduates) (commencing 2004)	\$190

SCHEDULE 2 - FEES AND CHARGES

IF88	Graduate Certificate in Risk Management	\$80
IF94	Graduate Certificate in Advertising	\$100
IF95	Graduate Diploma in Advertising	\$100
IF96	Master of Advertising	\$100
^ subject to final approval		
* Tuition fee places offered to students after HECS liable places filled		

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 paid by student first enrolling in 2004 per course per teaching period
018478C	KD15	Associate Degree (Dance)	\$8000
003502J	SC01	Bachelor of Applied Science	\$8000
037588F	PH38	Bachelor of Applied Science - Medical Radiation Technology (Medical Imaging Technology)	\$9000
037588F	PH38	Bachelor of Applied Science - Medical Radiation Technology (Radiotherapy Technology)	\$9000
006363B	CN51	Bachelor of Applied Science (Construction Management)	\$8000
003502J	SC01	Bachelor of Applied Science (Environmental Science)	\$8000
003505F	IF87	Bachelor of Applied Science (Environmental Science)/Bachelor of Health Science (Environmental Health)	\$9000
047456B	HM45	Bachelor of Applied Science (Exercise and Sports Nutrition)	\$8000
043118G	HL52	Bachelor of Applied Science (Honours)	\$8500
009041G	SC60	Bachelor of Applied Science (Honours)	\$9000
012659B	HM42	Bachelor of Applied Science (Human Movement Studies)	\$8000
020323D	IX04	Bachelor of Applied Science (in Human Movement Studies)/ Bachelor of Education (Secondary)	\$8000
020328K	IF62	Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)	\$8000
020328K	IF62	Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)	\$8000
020331D	LS37	Bachelor of Applied Science (Medical Science)	\$9000
009031J	OP42	Bachelor of Applied Science (Optometry)	\$10000
003500M	CN53	Bachelor of Applied Science (Quantity Surveying)	\$8000
003502J	SC01 + SC60	Bachelor of Applied Science and Bachelor of Applied Science (Honours) - Dean's Scholars Accelerated Honours Program	\$10000
042262G	SC51	Bachelor of Applied Science Innovation	\$8000
042263G	IF61	Bachelor of Applied Science/Bachelor of Business	\$9000
037540M	IX14	Bachelor of Applied Science/Bachelor of Education (Primary)	\$9000
020322E	IX02	Bachelor of Applied Science/Bachelor of Education (Secondary)	\$9000
020327M	IF29	Bachelor of Applied Science/Bachelor of Information Technology	\$9000
012661G	IF39	Bachelor of Applied Science/Bachelor of Laws	\$9000
049434C	SC20	Bachelor of Applied Science/Bachelor of Mathematics	\$8000
006364A	AR48	Bachelor of Architecture	\$8500
037577J	HH01	Bachelor of Arts	\$7000
020294D	HH21	Bachelor of Arts (Honours)	\$7500
031581F	IF86	Bachelor of Arts/Bachelor of Applied Science	\$9000
027275F	IF30	Bachelor of Arts/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)	\$8000
037539D	IF30	Bachelor of Arts/Bachelor of Business (Advertising, Electronic Business, Human Resource Management, International Business, Management or Public Relations)	\$8000
020316C	IX11	Bachelor of Arts/Bachelor of Education (Early Childhood)	\$7000
020316C	IX12	Bachelor of Arts/Bachelor of Education (Primary)	\$7000
020316C	IX01	Bachelor of Arts/Bachelor of Education (Secondary)	\$7000
027276E	IF43	Bachelor of Arts/Bachelor of Laws	\$8000
034136C	PY45	Bachelor of Behavioural Science (Psychology)	\$8000

SCHEDULE 2 - FEES AND CHARGES

037681J	LS50	Bachelor of Biotechnology Innovation (Extended)	\$8000
037681J	LS50	Bachelor of Biotechnology Innovation (Standard)	\$8000
003507D	BN31	Bachelor of Built Environment (Architectural Studies)	\$8500
003507D	BN31	Bachelor of Built Environment (Industrial Design)	\$8500
003507D	BN31	Bachelor of Built Environment (Interior Design)	\$8500
003507D	BN31	Bachelor of Built Environment (Landscape Architecture)	\$8500
003507D	BN31	Bachelor of Built Environment (Urban and Regional Planning)	\$8500
003491G	BS56	Bachelor of Business (Accountancy)	\$8000
006386F	IF37	Bachelor of Business (Accountancy)/Bachelor of Laws	\$8000
027277D	IF47	Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing)/Bachelor of Health Science (Health Services Management)	\$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)	\$8000
006386F	IF41	Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations)/Bachelor of Laws	\$8000
003491G	BS56	Bachelor of Business (Banking and Finance)	\$8000
006386F	IF41	Bachelor of Business (Banking and Finance, Economics or Marketing)/Bachelor of Laws	\$8000
003491G	BS56	Bachelor of Business (Economics)	\$8000
003491G	BS56	Bachelor of Business (Electronic Business)	\$8000
009038B	BS63	Bachelor of Business (Honours)	\$8500
003491G	BS56	Bachelor of Business (Human Resource Management)	\$8000
003491G	BS56	Bachelor of Business (International Business)	\$8000
003491G	BS56	Bachelor of Business (Management)	\$8000
003491G	BS56	Bachelor of Business (Marketing)	\$8000
003491G	BS56	Bachelor of Business (Public Relations)	\$8000
020321F	IX03	Bachelor of Business(Accountancy and Economics)/Bachelor of Education (Secondary)	\$8000
022137A	IF48	Bachelor of Business/Bachelor of Information Technology	\$9000
040304G	KI32	Bachelor of Creative Industries (Communication Design)	\$9000
040317C	IF90	Bachelor of Creative Industries (Communication Design)/Bachelor of Information Technology	\$9000
040296C	KW32	Bachelor of Creative Industries (Creative Writing)	\$8000
040289B	IF93	Bachelor of Creative Industries (Creative Writing) / Bachelor of Laws	\$8000
040303J	KD32	Bachelor of Creative Industries (Dance)	\$8000
040314F	IX05	Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary)	\$8000
040298A	KT32	Bachelor of Creative Industries (Drama)	\$8000
040315E	IX06	Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary)	\$8000
040321G	KK52	Bachelor of Creative Industries (Honours) (Creative Writing/Media Communication/Communication Design/Dance/Drama/Visual Arts)	\$8500
040297B	KK32	Bachelor of Creative Industries (Interdisciplinary)	\$8000
040305G	KC32	Bachelor of Creative Industries (Media and Communication)	\$8000
040286E	IF09	Bachelor of Creative Industries (Media and Communication)/Bachelor of Business	\$8000
040288C	IF10	Bachelor of Creative Industries (Media and Communication)/Bachelor of Laws	\$8000
048294G	KP32	Bachelor of Creative Industries (Television)	\$9000
040295D	KV32	Bachelor of Creative Industries (Visual Arts)	\$8000
040316D	IX08	Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary)	\$8000
Not required	ED83	Bachelor of Early Childhood	\$1750/unit
020305F	ED82	Bachelor of Early Childhood Studies	\$7000
046302F	ED54	Bachelor of Education (Adult and Workplace Education)	\$7000
000783G	ED92	Bachelor of Education (Early Childhood)	\$7000
031572G	ED57	Bachelor of Education (Early Childhood) - Graduate Course	\$7000
000374C	ED26	Bachelor of Education (In-service)	\$7000
Not required	ED93	Bachelor of Education (Preservice Early Childhood)	\$1750/unit
000783G	ED91	Bachelor of Education (Primary)	\$7000
031572G	ED56	Bachelor of Education (Primary) - Graduate Course	\$7000
000783G	ED90	Bachelor of Education (Secondary)	\$7000
031572G	ED55	Bachelor of Education (Secondary) - Graduate Course	\$7000
As per course of study		Bachelor of Engineering - Dean's Scholars Program	As per course of study
037543G	EE48	Bachelor of Engineering (Aerospace Avionics)	\$9000

SCHEDULE 2 - FEES AND CHARGES

040310K	CE46	Bachelor of Engineering (Civil and Environmental Management)	\$9000
037544G	CE44	Bachelor of Engineering (Civil)	\$9000
040309C	EE46	Bachelor of Engineering (Computer Systems)	\$9000
003490G	EE41	Bachelor of Engineering (Electrical and Computer Engineering)	\$9000
020329J	IF21	Bachelor of Engineering (Electrical and Computer Engineering)/ Bachelor of Mathematics	\$9000
027278C	IF28	Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Business	\$9000
006384G	IF59	Bachelor of Engineering (Electronics)/Bachelor of Information Technology	\$9000
037550J	ME40	Bachelor of Engineering (Infomechatronics)	\$9000
003490G	ME41	Bachelor of Engineering (Mechanical)	\$9000
003490G	ME41	Bachelor of Engineering (Mechanical) Conversion Program from Bachelor of Technology ME36	\$9000
003490G	ME48	Bachelor of Engineering (Medical)	\$9000
040308D	EE47	Bachelor of Engineering (Telecommunications)	\$9000
040300A	KS25	Bachelor of Fine Arts (Acting)	\$8000
020296B	KI25	Bachelor of Fine Arts (Communication Design)	\$9000
040306F	KW25	Bachelor of Fine Arts (Creative Writing Production)	\$8000
032393B	KD25	Bachelor of Fine Arts (Dance)	\$8000
046860J	KF25	Bachelor of Fine Arts (Fashion Design)	\$8000
040299M	KP25	Bachelor of Fine Arts (Film and Television)	\$9000
040320G	KK53	Bachelor of Fine Arts (Honours) (Dance/Creative Writing/Film & Television Production/Visual Arts/Communication Design)	\$8500
040301M	KS26	Bachelor of Fine Arts (Technical Production)	\$8000
040302K	KV25	Bachelor of Fine Arts (Visual Arts)	\$8000
022142D	PU40	Bachelor of Health Science (Environmental Health)	\$8000
022142D	PU40	Bachelor of Health Science (Health Information Management or Health Services Management)	\$8000
027284E	HL55	Bachelor of Health Science (Honours)	\$8500
022143C	PU43	Bachelor of Health Science (Nutrition and Dietetics)	\$8000
031579M	HL42	Bachelor of Health Science (Nutrition and Dietetics)/Bachelor of Applied Science (Human Movement Studies)	\$8000
022142D	PU40	Bachelor of Health Science (Nutrition)	\$8000
022143C	PU43	Bachelor of Health Science (Podiatry)	\$8000
047455C	HL43	Bachelor of Health Science (Podiatry)/Bachelor of Applied Science (Human Movement Studies)	\$8000
022142D	PU40	Bachelor of Health Science (Public Health)	\$8000
012656E	IT21	Bachelor of Information Technology	\$9000
017323G	IT28	Bachelor of Information Technology (Honours)	\$9500
017323G	IT29	Bachelor of Information Technology (Honours) - Accelerated Program	\$9500
022136B	IX09	Bachelor of Information Technology/Bachelor of Education (Secondary)	\$9000
006385G	IF38	Bachelor of Information Technology/Bachelor of Laws	\$9000
040293F	KJ32	Bachelor of Journalism	\$8000
040326B	KK54	Bachelor of Journalism (Honours)	\$8500
040312G	IF05	Bachelor of Journalism/Bachelor of Business (Advertising, International Business, Public Relations)	\$8000
040313G	IF07	Bachelor of Journalism/Bachelor of Laws	\$8000
006117E	JS31	Bachelor of Justice	\$8000
020313F	JS40	Bachelor of Justice (Honours)	\$8500
018380B	LW42	Bachelor of Justice/Bachelor of Laws	\$8000
003486D	LW33	Bachelor of Laws	\$8000
037542J	IF27	Bachelor of Mass Communication	\$8000
049433D	MA54	Bachelor of Mathematics	\$8000
027274G	IF60	Bachelor of Mathematics/Bachelor of Business (Accountancy, Banking and Finance or Economics)	\$9000
020327M	IF58	Bachelor of Mathematics/Bachelor of Information Technology	\$9000
022140F	KM32	Bachelor of Music	\$9000
031574E	KK55	Bachelor of Music (Honours)	\$8500
020319M	IX07	Bachelor of Music/Bachelor of Education (Secondary)	\$9000
046054F	NS40	Bachelor of Nursing - Graduate Entry	\$8000
000451F	NS40	Bachelor of Nursing - Postregistration	\$8000
003501K	NS40	Bachelor of Nursing - Preregistration	\$8000
016355G	HL50	Bachelor of Nursing (Honours)	\$8500
047457A	NS45	Bachelor of Nursing and Health Services Management	\$8000

SCHEDULE 2 - FEES AND CHARGES

031578A	HL40	Bachelor of Nursing/Bachelor of Applied Science (in Human Movement Studies)	\$8000
031576C	HL46	Bachelor of Nursing/Bachelor of Health Science (Public Health)	\$8000
040319A	CN54	Bachelor of Property Economics	\$8000
034711K	PY09	Bachelor of Psychology (Honours)	\$8500
001819D	HH04	Bachelor of Social Science	\$7000
027279B	HH23	Bachelor of Social Science (Honours)	\$7500
027279B	HH22	Bachelor of Social Science (Honours) (Human Services)	\$7500
001819D	HH02	Bachelor of Social Science (Human Services)	\$7000
016354J	PS47	Bachelor of Surveying	\$8500
049435B	CE35	Bachelor of Technology (Civil) Conversion Program	\$9000
020303G	ME36	Bachelor of Technology (Mechanical) Conversion Program	\$9000
003518A	QC03	Bridging Program	\$6250
046050K	KK49	Doctor of Creative Industries	\$10000
015023C	ED11	Doctor of Education	\$8000
037680K	HL90	Doctor of Health Science	\$10000
012652J	LW50	Doctor of Juridical Science	\$10000
012693M	IF49	Doctor of Philosophy	\$10000
006367J	IF49E	Doctor of Philosophy (Built Environment, Engineering)	\$10000
006365M	IF49B	Doctor of Philosophy (Business)	\$10000
043231G	IF49	Doctor of Philosophy (Creative Industries)	\$10000
012646G	IF49ED	Doctor of Philosophy (Education)	\$8000
006374K	IF49H	Doctor of Philosophy (Health)	\$10000
006378F	IF49IT	Doctor of Philosophy (Information Technology)	\$10000
015024B	IF49L	Doctor of Philosophy (Law)	\$10000
012650M	IF49M	Doctor of Philosophy (Mathematics)	\$10000
006381M	IF49SC	Doctor of Philosophy (Science)	\$10000
048293G	HH50	Doctor of Social Science	\$10000
011424G	QC10	English for Academic Purposes for degree programs	\$3600 per 12 week session + \$100 enrolment fee
003287M	QC01	Foundation Program (1 Semester)	\$6250
003287M	QC02	Foundation Program (2 Semesters)	\$6250
011426E	QC20	General English	\$1500 per 5 week session + \$100 enrolment fee
048325E	IF94	Graduate Certificate in Advertising	\$8500
031769E	BS39	Graduate Certificate in Business	\$8500 (only HRM, International Business and Marketing available full-time).
031575D	GS87	Graduate Certificate in Business Administration	\$10000
040341C	CE62	Graduate Certificate in Civil Engineering	\$9000
043119G	EE61	Graduate Certificate in Computer and Communications Engineering	\$9000
043124K	KI35	Graduate Certificate in Creative Industries (Communication Design)	\$9500
040322F	KW35	Graduate Certificate in Creative Industries (Creative Writing)	\$8500
Not required	KD35	Graduate Certificate in Creative Industries (Dance Teaching)	\$1500/unit
046043J	KT35	Graduate Certificate in Creative Industries (Drama Teaching)	\$8500
040327A	KP35	Graduate Certificate in Creative Industries (Film and Television)	\$9500
036433M	JS26	Graduate Certificate in Critical Criminology	\$2125/unit
Not required	ED61	Graduate Certificate in Education	\$1875/unit
014019G	ED77	Graduate Certificate in Education (Teaching English to Speakers of Other Languages - TESOL)	\$7500
018208C	ME75	Graduate Certificate in Engineering Management	\$9000
046051J	GS83	Graduate Certificate in Entrepreneurship and Innovation	\$10000
040339G	PS79	Graduate Certificate in Geographic Information Systems	\$8500
036436G	PS73	Graduate Certificate in Geomatics	\$8500
027285D	HL38	Graduate Certificate in Health Science	\$8500
040323E	KJ35	Graduate Certificate in Journalism	\$8500
036433M	JS25	Graduate Certificate in Justice	\$8500
Part-time external	- JS28	Graduate Certificate in Justice Policy	\$2125/unit

SCHEDULE 2 - FEES AND CHARGES

037546E	PS76	Graduate Certificate in Landscape Design	\$8500
037545F	PS75	Graduate Certificate in Landscape Techniques	\$8500
027286C	LW60	Graduate Certificate in Law	\$8500
040307E	LW65	Graduate Certificate in Legal Studies	\$8500
048325E	GS93	Graduate Certificate in Management	\$10000
046044G	MA65	Graduate Certificate in Mathematical Science	\$8500
034715F	KM35	Graduate Certificate in Music	\$8500
036433M	JS27	Graduate Certificate in Organised Crime and Corruption Investigation	\$2125/unit
012705A	CN81	Graduate Certificate in Project Management	\$8500
036428G	CN90	Graduate Certificate in Property Economics	\$8500
048295F	PU30	Graduate Certificate in Public Health	\$9600
040334B	PY40	Graduate Certificate in Road Safety	\$8500
Not required	HM34	Graduate Certificate in Rugby Studies	\$2125/unit
040287D	HH30	Graduate Certificate in Social Science (Human Services)	\$7500
036433M	JS29	Graduate Certificate in Strategic Intelligence	\$2125/unit
003481J	BS70	Graduate Diploma in Advanced Accounting	\$8500
048328B	IF95	Graduate Diploma in Advertising (Creative Advertising/Strategic Advertising)	\$8500
027282G	BS96	Graduate Diploma in Applied Finance	\$8500
020314E	SC71	Graduate Diploma in Applied Science	\$8500
020315D	PH71	Graduate Diploma in Applied Science (Medical Physics)	\$8500
016957B	LS70	Graduate Diploma in Biotechnology	\$8500
002621K	GS86	Graduate Diploma in Business Administration	\$10000
036430C	CE64	Graduate Diploma in Civil Engineering	\$9000
015184G	EE67	Graduate Diploma in Computer and Communications Engineering	\$9000
040291G	IF02	Graduate Diploma in Creative Industries (Arts and Cultural Management)	\$8500
043123M	KI36	Graduate Diploma in Creative Industries (Communication Design)	\$9000
040292G	IF03	Graduate Diploma in Creative Industries (Creative & Media Enterprises)	\$8500
046673A	KW36	Graduate Diploma in Creative Industries (Creative Writing)	\$8500
Not required	KD36	Graduate Diploma in Creative Industries (Dance Teaching)	\$1500/unit
046672B	KT36	Graduate Diploma in Creative Industries (Drama Teaching)	\$8500
040324D	KP36	Graduate Diploma in Creative Industries (Film and Television)	\$9500
Not required	ED20	Graduate Diploma in Education (Early Childhood)	\$1875/unit
Not required	ED28	Graduate Diploma in Education (Learning Support)	\$1875/unit
Not required	ED25	Graduate Diploma in Education (Teacher Librarianship)	\$1875/unit
046862G	GS78	Graduate Diploma in Entrepreneurship and Innovation	\$10000
046047E	GS84	Graduate Diploma in Entrepreneurship and Innovation	\$10000
040337K	PS78	Graduate Diploma in Geographic Information Systems	\$8500
036437G	PS74	Graduate Diploma in Geomatics	\$8500
020308C	HL68	Graduate Diploma in Health Science	\$8500
020307D	PU65	Graduate Diploma in Health, Safety and Environment	\$8500
003479C	AR61	Graduate Diploma in Industrial Design	\$8500
018771J	IT35	Graduate Diploma in Information Technology (IT Graduates)	\$9500
018771J	IT38	Graduate Diploma in Information Technology (Non-IT Graduates)	\$9500
006361D	AR62	Graduate Diploma in Interior Design	\$8500
046053G	BS64	Graduate Diploma in International Business	\$8500
040340D	KJ36	Graduate Diploma in Journalism	\$8500
003478D	PS66	Graduate Diploma in Landscape Architecture	\$8500
020312G	JS41	Graduate Diploma in Legal and Justice Studies (available to continuing students only)	\$8500
009034F	LP41	Graduate Diploma in Legal Practice	\$14000 per 24 week teaching period
040318B	LW70	Graduate Diploma in Legal Studies	\$8500
006379E	IT25	Graduate Diploma in Library and Information Studies	\$9500
046041M	MA75	Graduate Diploma in Mathematical Science	\$8500
040342B	NS68	Graduate Diploma in Midwifery	\$8500
034717D	KM36	Graduate Diploma in Music	\$8500
015086K	NS64	Graduate Diploma in Nursing	\$8500
006362C	CN64	Graduate Diploma in Project Management	\$8500
036428G	CN91	Graduate Diploma in Property Economics	\$8500

SCHEDULE 2 - FEES AND CHARGES

036434K	PY08	Graduate Diploma in Psychology	\$8500
020306E	PU60	Graduate Diploma in Public Health	\$9600
009035E	BS72	Graduate Diploma in Public Relations	\$8500
040335A	PY41	Graduate Diploma in Road Safety	\$8500
027280J	HH31	Graduate Diploma in Social Science (Human Services)	\$7500
003477E	PS72	Graduate Diploma in Urban and Regional Planning	\$8500
014018G	DB69	Graduate Diploma in Urban Design	\$8500
046861G	GS74	Graduate Diploma of Business Administration	\$10000
048322G	IF96	Master of Advertising (Creative Advertising/Strategic Advertising)	\$8500
027283F	BS98	Master of Applied Finance	\$8500
018479B	LS80	Master of Applied Science (Life Science)	\$9000
043548G	PH80	Master of Applied Science (Medical Physics)	\$9000
003462A	BN71	Master of Applied Science (Research)	\$8500
007897G	HL84	Master of Applied Science (Research)	\$8500
014020C	SC80	Master of Applied Science (Research)	\$9000
046055E	KK51	Master of Arts (Research) (Creative Industries)	\$8500
012707K	HH40	Master of Arts (Research) (Humanities and Human Services)	\$7500
003475G	DB73	Master of Built Environment (Urban Design)	\$8500
002329C	BS93	Master of Business (Advertising)	\$8500
002329C	BS93	Master of Business (Human Resource Management)	\$8500
002329C	BS93	Master of Business (Integrated Marketing Communication)	\$8500
002329C	BS93	Master of Business (Marketing)	\$8500
002329C	BS93	Master of Business (Philanthropy & Nonprofit Studies)	\$8500
002329C	BS89	Master of Business (Professional Accounting)	\$8500
002329C	BS93	Master of Business (Public Management)	\$8500
002329C	BS93	Master of Business (Public Relations)	\$8500
002329C	BS92	Master of Business (Research) - Accountancy	\$8500
002329C	BS92	Master of Business (Research) - Advertising	\$8500
002329C	BS92	Master of Business (Research) - Banking & Finance	\$8500
002329C	BS92	Master of Business (Research) - Economics	\$8500
002329C	BS92	Master of Business (Research) - Human Resource Management	\$8500
002329C	BS92	Master of Business (Research) - International Business	\$8500
002329C	BS92	Master of Business (Research) - Management	\$8500
002329C	BS92	Master of Business (Research) - Marketing	\$8500
002329C	BS92	Master of Business (Research) - Public Relations	\$8500
045503E	GS76	Master of Business Administration (Major)	\$10000
043117J	GS97	Master of Business Administration (Major)	\$10000
045502F	GS75	Master of Business Administration (MBA)	\$10000
037552G	BS91	Master of Business Administration/Master of Applied Finance	\$10000
037551G	IF98/IF13	Master of Business Administration/Master of Information Technology	\$10000
037551G	IF99/IF15	Master of Business Administration/Master of Information Technology (IT Graduates)	\$10000
020304G	BS94	Master of Commerce	\$8500
043120C	PY17	Master of Counselling Psychology	\$8500
040290J	IF04	Master of Creative Industries (Arts Management & Creative Enterprise)	\$8500
031870G	KI43	Master of Creative Industries (Communication Design)	\$9000
Not required	KD42	Master of Creative Industries (Dance Teaching)	\$1500/unit
046674M	KT42	Master of Creative Industries (Drama Teaching)	\$8500
047454D	ED13	Master of Education	\$8000
002501G	ED12	Master of Education (Research)	\$8000
002330K	ED14	Master of Education (Teaching English to Speakers of Other Languages - TESOL)	\$8000
003465J	BN72	Master of Engineering	\$9000
006368G	ME76	Master of Engineering Management	\$9000
042259C	CE75	Master of Engineering Science (Civil Engineering Studies)	\$9000
020300M	CE74	Master of Engineering Science (Civil Engineering)	\$9000
040343A	EE74	Master of Engineering Science (Computer and Communications Engineering)	\$9000
042260K	EE77	Master of Engineering Science (Electrical Engineering Studies)	\$9000
042261J	ME80	Master of Engineering Science (Mechanical Engineering Studies)	\$9000
043122A	GS37	Master of Entrepreneurship and Innovation	\$10000

SCHEDULE 2 - FEES AND CHARGES

046863F	GS77	Master of Entrepreneurship and Innovation	\$10000
046864E	GS79	Master of Entrepreneurship and Innovation/Master of Business Administration	\$10000
046046F	GS88	Master of Entrepreneurship and Innovation/Master of Business Administration	\$10000
016349F	KK42	Master of Fine Arts	\$8500
009030K	HL88	Master of Health Science	\$8500
003776E	IT40	Master of Information Technology (IT Graduates)	\$9500
003776E	IT45	Master of Information Technology (Non-IT Graduates)	\$9500
020309B	IT60	Master of Information Technology (Research)	\$9500
046045G	BS66	Master of International Business	\$8500
046048D	BS65	Master of International Business Studies	\$8500
020310J	JS52	Master of Justice (Research)	\$8500
020311G	JS51	Master of Justice by Coursework	\$8500
020301K	PS71	Master of Landscape Architecture	\$8500
006380A	LW51	Master of Laws	\$8500
012654G	LW52	Master of Laws (Research)	\$8500
046042K	MA85	Master of Mathematical Science	\$9000
034710M	KM42	Master of Music	\$9500
012644J	NS85	Master of Nursing	\$8500
016350B	CN77	Master of Project Management	\$8500
036432A	CN92	Master of Property Economics	\$8500
009029C	PU85	Master of Public Health	\$9600
027281G	HH32	Master of Social Science (Human Services)	\$7500
020299K	PS70	Master of Urban and Regional Planning	\$8500
034714G	PY20	Postgraduate Diploma in Psychology	\$8500
012704B	UO10	Study Abroad Scheme	\$7500
Not required	KD16	University Certificate in Dance Teaching	\$6000
Not required	KD16	University Certificate in Dance Teaching	\$6000
025282A	BS40	University Diploma in Business	\$6500
Not required	KD17	University Diploma in Dance Teaching	\$6000
025283M	IT10	University Diploma in Information Technology	\$6500
039083D	IF06	University Diploma in Professional Communication	\$6500

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	
		2003	2004
BS20	Management Certificate (Undergraduate)	\$75	\$80
KD05	Certificate in Dance Teaching	\$65	\$70
KD06	Advanced in Certificate in Dance Teaching	\$65	\$70
NA20	Master of IT Qualifying Program	\$80	\$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		2003/2004
Students enrolled in a HECS course in a Summer Program unit which is part of the normal course progression		HECS
Students enrolled in existing fee-paying courses		Standard Tuition fee applies
All other students (including QUT students and cross-institutional students)		\$70 per credit point

HECS Courses With Summer As Normal Progression		
Faculty of Built Environment and Engineering		
CE45	Bachelor of Engineering (Civil) - Mid-year entry	HECS in specified units
	Dean's Scholars	HECS

SCHEDULE 2 - FEES AND CHARGES

	Mid-year entry students into other Engineering courses	
Faculty of Education		
ED20	Graduate Diploma in Education (Early Childhood)	HECS in specified units
Faculty of Science		
SC01	Dean's Scholars - (accelerated)	HECS in specified units
LS50	Bachelor of Biotechnology Innovation	HECS in specified units
PH80	Masters in Applied Science	HECS in specified units

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	2003 fee per credit point	2004 fee per credit point
Students enrolled in any undergraduate unit	\$75	\$80
Students enrolled in a postgraduate unit offered by QUT Carseldine, Creative Industries, Faculties of Education or Health	\$75	\$80
Students enrolled in a postgraduate unit offered by the Faculty of Science	\$85	\$90
Students enrolled in a postgraduate unit offered by the Faculty of Law	\$90	\$100
Students enrolled in a postgraduate unit offered by the Faculty Built Environment and Engineering	\$95	\$100
Students enrolled in a postgraduate unit offered by the Faculties of Business	\$105	\$110
Students enrolled in a postgraduate unit offered by the Faculty of Information Technology	\$80	\$90

TABLE G - STUDENT GUILD FEE

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

Attendance Mode	2003	2004
Full-time	\$242.00	\$242.00
Part-time	\$121.00	\$121.00
External	\$48.40	\$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.

Type of Administrative Charge	2004 Charge (inc GST)
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
Re-issue of Final Notice of Enrolment and HECS liability	\$10.00
International Student application fee for award courses	\$55.00

SCHEDULE 2 - FEES AND CHARGES

TABLE 1 - 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.

Unit Teaching Period	Withdrawal Rule	Cancellation Charge
Semester 1 (SEM-1) Semester 2 (SEM-2)	HECS: on or before HECS census date	NIL
	HECS: after HECS census date	100% of HECS fee retained
	PELS/Domestic Tuition: on or before end of week 2	NIL
	PELS/Domestic Tuition: after end of week 2 to on or before HECS census date	25% of tuition fee retained*
	PELS/Tuition: after HECS census date	100% of tuition fee retained
6 Week Teaching Period (6TP1-6) Summer Program (SUM) Summer Program 1 (SUM-1) Summer Program 2 (SUM-2)	HECS: on or before HECS census date	NIL
	HECS: after HECS census date	100% of HECS fee retained
	Domestic tuition/PELS: before 1st day of teaching period	NIL
	Domestic tuition/PELS: after 1st day of teaching period but before end of week 2	25% of tuition fee retained*
	Domestic tuition/PELS: after end of week 2	100% of tuition fee retained
21 Week Teaching Period (21TP1-2)	Domestic tuition/PELS: on or before end of week 2	NIL
	Domestic tuition/PELS: after end of week 2 but before the end of week 6	25% of tuition fee retained*
	Domestic tuition/PELS: after end of week 6	100% of tuition fee retained
Non-standard intensive teaching periods (2 weeks or less in length) where unit enrolment is either in Semester 1 or Semester 2 teaching periods	Domestic tuition/PELS: before 1st day of teaching period	NIL
	Domestic tuition/PELS: on or after 1st day of teaching period	100% of unit tuition fee retained
Non-standard intensive teaching periods (Greater than 2 weeks but less than 6 weeks in length) where unit enrolment is either in Semester 1 or Semester 2 teaching periods	Domestic tuition/PELS: before 1st day of teaching period	NIL
	Domestic tuition/PELS: on or after 1st day of teaching period but before end of week 2	25% of unit tuition fee retained*
	Domestic tuition/PELS: after end of week 2	100% of unit tuition fee retained

* 25% PELS retention fee cannot be deferred to the ATO. 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
Semester 1 (SEM-1) Semester 2 (SEM-2) 13 Week Teaching Period (13TP1-3) 12 Week Teaching Period (12TP1-3)	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 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
6 Week Teaching Period (6TP1-6)	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
Summer Program (SUM)	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
5 Week Teaching Periods (5TP1-9) QUTIC English Language Programs Non package offers	Withdrawal from course more than 28 days before commencement	100% of fees refunded
	Withdrawal from course less than 28 days before course commencement	80% of fees refunded
	Withdrawal from course after commencement General English (QC20, QC21)	100% of current teaching period fees are retained, 80% of remaining balance is refunded
12TP1-3 (EAP) Non package offers	Withdrawal from course more than 28 days before commencement	100% of fees refunded
	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
English Language (ELP) package programs	From entire course, due to inability to obtain a visa or meet all the conditions stated in offer	100% of tuition fee refunded
	Withdrawal from course before commencement of ELP classes	10% of fees retained
	Withdrawal from the course after the commencement of ELP classes	100% of ELP session tuition fee retained and 90% of remaining fees 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 disabilities have the right to alternative arrangements which are consistent with a commitment to academic excellence and the provision of equality of opportunity to enable students to fulfil course requirements.

Normally, students should notify the relevant course coordinator in writing early in the semester, but no later than the semester census date. Failure to do so may jeopardise access to appropriate services. Students who suffer a disability, illness or injury after the census date can, during the semester, seek special consideration or other means of addressing their need for alternative arrangements.

Alternative forms of assessment are usually negotiated between student and course coordinator, but advice can be sought from the QUT Disability Officer as needed, particularly if differing views are held about the appropriateness of such accommodation/arrangements.

Suggested variations in assessment techniques for students with disabilities are listed below, together with some examples of alternative techniques. Issues of validity, reliability and equity, together with ease of marking, should be taken into account when adopting such alternatives.

Mode

- **Questioning modality**

eg brailled or audiotaped questions, viva voce testing, signing interpreter, etc.

- **Response modality**

eg oral rather than written answers - recorded on tape, viva voce, signing, etc.

Context

- **Time**

eg extended period to answer examination, respite breaks during an examination, extra time to complete assignments, deferment without penalty, etc.

- **Equipment**

eg tape recorder, braille, print magnifier, electric typewriter, special desk for wheelchair, adapted laboratory equipment, etc.

- **Separate examination room**

eg special equipment, personal assistance (to avoid disturbing others).

- **Personal assistance**

eg amanuensis, reader, interpreter, aide.

To support their request for alternative assessment arrangements, students may be required by the relevant lecturer and course co-ordinator to present a certificate from a medical or other relevant specialist practitioner which substantiates the nature of the special need.

The University accepts that general principles of confidentiality and privacy should apply in such circumstances. Therefore, students may choose to refer the certificate to the QUT Disability Officer or a QUT counsellor who shall recommend appropriate action to the relevant lecturer or course coordinator.

Following any decisions in relation to such a request, all documentation in relation to the disability should be forwarded to the QUT Disability Officer for retention on a confidential file. A record of requests and adaptations will be retained for review purposes by the QUT Disability Officer with a record of the decision forwarded to the Examinations Officer for retention on the student's file.

The student must be advised in writing of any variations that will be made to assessment. The Examinations Section will notify the student in the case of central examinations and the school office will do so for school-based assessment.

Students who are not granted alternative assessment but believe that they are entitled to alternative assessment under the above provisions may request a review of the decision under the University's procedures for reviews of academic rulings.

QUT POLICY ON CHILDREN OF STUDENTS ON CAMPUS

QUT recognises that students with children have additional demands placed upon them 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 child care and family responsibilities.

This policy is available at:

www.qut.edu.au/admin/mopp/A/A_08_06.html

Application

The Children of Students on Campus policy applies to all students. 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 meet the following obligations:

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

Consistent with these obligations, a student 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.
- Students should obtain approval from the relevant staff member as soon as practical, ie in advance if possible or on arrival.
- Children are excluded from areas with potentially dangerous equipment or where hazardous substances are present, from areas subject to particular statutory or local regulation, and from examinations in progress.
- 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.
- The child's presence on campus should not result in disruption to the workplace, including classes and non-teaching areas such as the Library.

Procedures

As the requirement for a student to bring a child on campus will not be a routine or regular event, the approval sought will generally be verbal, but should be recorded as a diary note by the QUT staff member giving such approval. The staff member from whom approval is sought will consider all the circumstances and may refuse permission, either at first contact or throughout the duration of the child's visit if there are concerns related to health and safety issues or disruption to the work of others. Permission should not be withheld unreasonably. Students who feel they have been treated unfairly when permission is refused may seek redress through existing University mechanisms (eg Equity Coordinator, Student Ombudsman, or grievance resolution processes).

The student bringing a child on campus is responsible for direct supervision of the child at all times and has the ultimate and sole responsibility for the safety and care of the child. This responsibility cannot be delegated to another person. If the child is reasonably mobile, it is preferable that the child should have some form of identification.

Children are not permitted in laboratories, workshops, clinical areas, chemical storage areas, construction sites, areas where minor works or maintenance are being conducted, or in any other area with significant levels of risk to a child.

If the child is responsible for causing wilful damage to University property, or causes an accident, the student responsible for the child will be held liable and may be sued for damages by the University.

INFORMATION ACCESS AND PRIVACY

QUT recognizes that privacy is essential to human dignity and a key value which underpins other key values such as freedom of speech and freedom of association (Australian Privacy Charter, Australian Privacy Charter Council, December 1994).

However, the University is required to have on record a variety of factual information about staff and students, both for internal use and for the compilation of statistical reports to meet the requirements of such external bodies as DETYA and the Australian Taxation Office.

QUT also recognises that all staff and students, both past and present, are entitled to a legitimate expectation that the University will protect all information of a personal nature which it holds about them. The Registrar is the official custodian of all records containing such information, and is responsible to the Vice-Chancellor for their proper maintenance and control.

The University accepts that the general principles of confidentiality and privacy apply to the use and availability of its records.

Where information about a staff member or student includes personal details, that person may quite reasonably expect that the University will maintain confidentiality, except where disclosure is required for legitimate purposes.

QUT also recognizes the increased tendency to store and access records by electronic means. Any reference to "personal records" or "files containing personal information", includes files held in hard-copy form, and also by all electronic means.

With respect to disclosure required by law, the University acknowledges that other legislative obligations, such as the Queensland Freedom of Information Act 1992 (FOI Act) (see section F/10), may require the divulging of information which the University would ordinarily seek to protect. In such circumstances, the procedures set out in the FOI Act will be followed; that is, information about a person will only be released where the public interest of disclosure outweighs the need to maintain the privacy of the records.

Personal Information

Personal information, also known as information concerning personal affairs, has been defined by the Queensland Information Commissioner, as that "of or relating to the private aspects of a person's life". The Commissioner has held that the phrase has a well accepted core meaning which includes family and marital relationships; medical records, health or ill-health; relationships and emotional ties with other people; and domestic responsibilities or financial obligations (Re Stewart and Department of Transport (1993) 1 QAR 227). QUT is of the view that unique identifiers such as a Tax File Number, pay roll number or a student number also fall within the meaning of personal information.

Further, the University has no need for and will not maintain records relating to the religious or political affiliations and activities of students or staff, except where such information may be voluntarily included in correspondence from students, staff or potential staff, or is included in references supplied by persons at a student's, staff member's or potential staff member's request.

Collection of Personal Information (Principle 1)

Personal information will be collected by the University only for inclusion in a record or in a generally available publication 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.

The University will not collect personal information by unlawful or unfair means.

The University will take reasonable steps to ensure that an individual from whom information is collected is generally aware of:

- the purpose for which the information is being collected
- if the collection of the information is authorised or required by or under any law, and
- whether the information will be passed on by the University to any other person, body or agency.

Access to, Use of and Disclosure of Personal Information (Principle 2)

While the University is required to keep factual information about staff and students, access to that information (other than by the individual student or staff member in question) is limited only to staff who have a legitimate reason for its use. Similarly, QUT also recognizes the increased tendency to store records by electronic means. As with hard-copy files, the University will ensure

that access to electronically-held records will be available only to staff members who have a legitimate reason to access the information.

A record containing personal information will be accessed and used only for the purpose for which it was collected. Similarly, the University or any member of its staff will not disclose a record that contains personal information to any other person or agency.

However, personal information may be accessed and used for other purposes, or disclosed to other persons or agencies where:

- the individual concerned has consented in writing;
- it is necessary to prevent or mitigate a threat to the life or health of the individual concerned or another person, or is in the clear interests of the individual (for example, to locate a telephone number or address of a student's or staff member's next-of-kin, should the person be involved in an accident);
- it is required or authorized by law;
- it is reasonably connected to the person's employment, or academic program;
- it is reasonably connected to the functions of the University (s.5, QUT Act 1998) (see MOPP Appendix 1(a)); or
- it is reasonably necessary for enforcement of the criminal law, or for imposing a pecuniary penalty.

• **Student assessment and publication of results**

As a right, students are allowed to request and obtain their own final marks and to peruse their own examination scripts or written answers to examination queries or other forms of assessment (see MOPP section E/8.7.1[2]).

Each semester, the University publishes students' results in the press and on University notice boards. Students who would prefer that their results are not published in the press or displayed by name on University notice boards have the right to request that their academic records remain confidential. The request to withhold results from public release remains in force until specifically revoked by the student.

Security of Personal Information (Principle 3)

The University will protect records containing personal information about past or present staff and students by implementing procedures to prevent against loss, unauthorised access, use, modification, disclosure, or other misuse.

Access to and Amendment of an Individual's Own Records (Principle 4)

Both staff members and students are entitled to view their own personal files. However, in some instances, for example, where a third party is mentioned in the file, access may be provided subject to the FOI Act, or other Act of similar purpose.

Similarly, where a staff member or student believes that material contained in their personal record is inaccurate, the individual may seek amendment of that material. Where a record is proven to be inaccurate or incomplete, an appropriate officer of the University may alter the record. In some instances, the procedures for amending information as set out in the FOI Act, or any other Act of similar purpose may be followed.

Breach of Policy (Principle 5)

Breaches of QUT's information access and privacy policy may be dealt with according to QUT Statute No 2 - Student Discipline (see MOPP Appendix 1(b)) or staff misconduct provisions in the relevant Award.

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 impairment, 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.

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OVERVIEW

The Faculty of Built Environment and Engineering uses innovative teaching and learning methods, which provide opportunities to develop sound communication, technological and management skills. This equips graduates for careers in the 'real world'.

The Faculty promotes practical teaching and leadership in applied research that directly benefits industry, the professions, and the community. Our academic staff offer a combination of experience in professional practice and qualifications in advanced postgraduate research. Postgraduate coursework and research programs are designed to provide you with practical 'real world' expertise.

The Faculty is comprised of five schools, two of which offer courses in Built Environment, Design Surveying, and three schools which offer courses in Engineering. All five schools maintain an active association with industry and professional associations, and offer a unique opportunity for cross-disciplinary interaction.

The **School of Design and Built Environment** offers undergraduate and postgraduate courses across seven disciplines: architecture, industrial design, interior design, landscape architecture, surveying, urban and regional planning, and urban design. This unique combination of disciplines offers students and staff an outstanding opportunity for collaborative and interdisciplinary programs, and the School is building an international reputation for innovative interdisciplinary design and research.

The 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 Civil Engineering** has a reputation for training first-class civil engineers. The School maintains a consistently high standard of teaching, fosters industry involvement, and stays at the forefront of the profession through an active research program. Graduate engineers are conversant with all the technical aspects of their profession, and possess communication skills, management expertise, and ethical judgement.

The **School of Construction Management and Property** offers programs of professional education for construction, property, quantity surveying and project management professionals and researchers. The School's courses lead to professional qualifications in the construction and property industries, which is one of Australia's largest employers.

The **School of Electrical and Electronic Systems Engineering** is the largest electrical engineering school in Queensland. Courses provide students with a broad technical education and develop essential skills in electrical, electronic, computer and avionics engineering. Graduates are immediately employable in a very diverse range of organisations and industries.

The **School of Mechanical, Manufacturing and Medical Engineering** offers a range of innovative study programs that have been tailored in response to the challenging demands of industry and the profession. Graduates of these programs are highly sought after by industry, both nationally and internationally. The School's courses offer a balance of theory and 'hands on' experience and offer a choice of an 'in-house' or industry project to provide students with the opportunity to gain a head start with experience in a real world working environment before graduation.

The Faculty also offers three undergraduate double degrees in Electrical and Computer Engineering/Mathematics; Electrical and

Computer Engineering/Business; and Electronic Engineering/Information Technology.

Postgraduate research opportunities are available in a broad range of areas through the following research areas and cooperative research centres.

Research Areas

- Australian Housing and Urban Research Institute (AHURI)
- 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

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

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School of Construction Management and Property

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School of Mechanical, Manufacturing and Medical Engineering

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RESEARCH CENTRES

Australian Housing and Urban Research Institute (AHURI)

The Institute is a consortium of the CSIRO Division of Building, Construction and Engineering; Queensland University of Technology; the 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.

Building and Infrastructure Systems

The Building and Infrastructure Systems program undertakes world-class research in collaboration with industry, government and the profession to strengthen the nation's building and infrastructure systems. It builds on the existing track record in this 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.

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).

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.

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.

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 life-cycle 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.

Medical Engineering

This program aims to engender sustainable improvements in quality of life 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.

Speech, Audio, Image and Video Technologies

This program conducts internationally competitive research in order to solve practical problems through the application of processes. Research focuses on state-of-the-art speech, audio and video technologies including speech/speaker recognition and face recognition person identification tracking and human activity detection 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 enhancement and restoration.

Transport Systems

The aim of this program is to focus research effort in the freight and logistics area with an emphasis on multimodal transportation systems. The program builds on the established track record in applied research in the areas of road and rail based transportation systems. Main research areas include: freight vehicle impacts; freight and logistics e-business systems; freight corridor evaluation analysis; ITS applications in freight & logistics; emissions modelling; transit evaluation methodologies; rail track modelling, maintenance 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.

Professor AC Sidwell, BSc(Hons) *Heriot-Watt*, PhD *Aston*

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 utilisation. 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).

Professor Luis Ferreira, BSc *Lond*, MSc *Westminster*, PhD *Leeds*, MIEAust, MCIT

CRC for Satellite Systems

The Centre 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.

Professor Miles Moody, BE(Hons) BA MEngSc PhD *Qld*, FIEAust, SMIEEE, RPEQ, CPEng

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: models and decision systems, advanced sensors, intelligent diagnostics and life prediction, systems integration and IT, and strategic human dimensions.

Professor Joseph Mathew, BSc(Eng) *Manc*, PhD *Monash*, MIEAust, MAAS, MASME, FIDE(UK)

□ 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.

■ Doctor of Project Management (CN89)

Award title: Doctor of Project Management

Location: Gardens Point

Course duration (full-time): 3 years

Total credit points: 288

CN89 - Course structure

Year 1, Semester 1

CNP001 Knowledge and IT Management

CNP011 Knowledge and IT Management Reflective Learning

Year 1, Semester 2

CNP002 Project Procurement and Ethics

CNP012 Project Procurement and Ethics Reflective Learning

CNP051 Research Project 1

Year 1 - Summer Semester

CNP052 Research Project 2

Year 2, Semester 1

CNP003 Project Management Leadership

CNP013 Project Management Leadership Reflective Learning

Year 2, Semester 2

CNP004 Elective

CNP014 Elective Reflective Learning

CNP053 Research Project 3

Year 2 - Summer Semester

CNP054 Research Project 4

Year 3, Semester 1

CNP061 Research Project 5

Year 3, Semester 2

CNP062 Research Project 6

■ 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)

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 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:

- three years professional experience in the general field in which the proposed work lies, or
- 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
- 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:

- recommend that the thesis be accepted without modification, and to Academic Board that the candidate be awarded the degree, or
- recommend to Academic Board that the candidate be awarded the degree, after any minor amendments requested by the examiners have been made, or
- 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
- 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

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

Available in three modules to suit individual needs. Fee \$320 per module.

Year 1, Semester 1 Full-time Structure

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

Year 1, Semester 1 Part-time Structure

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: Assoc Prof Mahen Mahedran (Civil Engineering); Prof Sridha Sridharan (Electrical and Electronic Systems Engineering); Prof Mark Percy (Mechanical Manufacturing and Medical Engineering)

Course Information and Notes

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

■ **Master of Engineering Management (ME73)**

Award title: Master of Engineering Management

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

Location

Malaysia (organised by Meteor Learning Sdn Bld)

Course Structure

The course consists of eight units, which may include a two unit project. The coursework units are offered on a block basis. Each block occupies two weekends.

■ **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

Course Design

Masters students take eight units including compulsory units. Similar courses are offered in Singapore in conjunction with Crossfields Asia Pacific Pty Ltd, in China in conjunction with Shanghai Jiao Tong University and in Malaysia in conjunction with Meteor Learning Sdn Bld.

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

A graduate level unit 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 detailed teaching periods of 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 Management (ME77)**

Award title: Master of Engineering Management

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

Location

Singapore (Organised by Crossfields Asia Pacific Pty Ltd).

Course Outlines

The course consists of eight units, which may include a two unit project. The coursework units are offered on a block basis. Each block occupies two weeks with lectures each evening Monday to Friday.

■ **Master of Engineering Management (ME78)**

Award title: Master of Engineering Management

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

Location

China (Organised by SJTU - Shanghai Jiao Tong University).

Course Outline

The course consists of eight units, which may include a two unit project. The coursework units are offered on a block basis. Each block occupies two weeks with lectures each evening Monday to Friday.

■ 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

Course Design

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).

Course structure

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

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

CEP141 Studies in Environmental Engineering
 CEP151 Road Safety Audit - Principles and Practice
 CEP175 Pavement Maintenance Rehabilitation and Recycling
 CEP216 Advanced Traffic Engineering
 CEP292 Engineering Practice 2

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

Students must consult with course coordinator before enrolling in CEP176.

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

Award title: Master of Engineering Science (Civil Engineering)

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

Course Design

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.

Course structure (full-time)

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 Major - 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 Major - Semester 1

CEP997-1 Project
 CEP218 Transportation Engineering
 2 Electives

Semester 2

CEP997-2 Project
 CEP216 Advanced Traffic Engineering
 2 Electives

Electives - Semester 1

CEP127 Road and Traffic Engineering
 CEP142 Water Pollution Control
 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
 CEP175 Pavement Maintenance Rehabilitation and Recycling
 CEP201 Process Modelling
 CEP216 Advanced Traffic Engineering
 CEP292 Engineering Practice 2

■ 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

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 Design

Masters students select a total of six units from Semester 1 and Semester 2 lists and must complete a 24 credit point project (EEP301).

Course Structure

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
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:

Masters students select a total of 6 units from the list and must complete a 24 credit point project.

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

Course structure

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 (Summer Program is an option) 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.

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

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

Location: Gardens Point and External

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: Assoc Prof David Birtwhistle

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.

Full-time Course Structure

Structure

18 Units (selected from List)

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
EEP223	Load Forecasting
EEP224	Power System Operation
EEP240	Organisation and Financial Management in the Electricity Supply Industry
EEP243	Contract Administration
EEP244	Circuit Breakers - Switchgear
EEP245	Introduction to Substation Design
EEP246	Customer Metering
EEP248	Introduction to Electricity Markets

Units available as resource-based learning (distance education) with flexible enrolment

EEP202	Thermal Ratings and Heat Transfer
EEP204	Power System Load Flow Analysis
EEP205	Power System Fault Calculations
EEP208	Economic Analysis for Power System Engineers
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
EEP220	Distribution Planning
EEP215	Reliability
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

Course Design

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 areas of Medical Engineering, Infomechatronics, Engineering Management and general mechanical engineering, such as tribology, maintenance, manufacturing etc. The final component requires enrolment in a Mechanical Engineering Project (equivalent to 24 credit points) (Band 3).

Course Structure

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

Band 1 - Summer

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 detailed teaching periods of 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 or 2

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 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: Mr Glenn Thomas

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 (Landscape 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: Dr Stephen Kajewski

Course Structure Information

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.

Course structure

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: Prof Terry Boyd

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.

Course structure

Full-time Course Structure - Property Development Major - 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 Dissertation 1/2

Full-time Course Structure - Property Investment and Management Major - Year 1, Semester 1

CNP547 Property Investment
CNP555 Property Market Analysis
CNP556 Property Management and Contracts
EFN406 Managerial Finance

Year 1, Semester 2

CNP100 Facilities Management
CNP557 Property Portfolio Analysis
Two Electives

Year 2, Semester 1

CNN442 Dissertation 1/2

Part-time Course Structure - Property Development Major - 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

Part-time Course Structure - Property Investment and Management Major - Year 1, Semester 1

CNP547 Property Investment
CNP555 Property Market Analysis

Year 1, Semester 2

CNP101 Facilities Management
CNP557 Property Portfolio Analysis

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; 2.5 for other graduates

Course duration (part-time): 2.5 years for Bachelor of Built Environment graduates; 3.5-4.5 years for other graduates

Total credit points: 240

Course coordinator: Assoc Prof Phil Heywood

Professional Recognition

This course is professionally accredited by the Planning Institute of Australia.

Full-time Course Structure

Foundation Studies (non BBE graduates only)

Summer Semester

DBP403 Design Communication

Year 1, Semester 1

DBP401 Urban and Site Analysis

DBP402 Planning Processes

DBP406 Computer Applications in Planning

Year 1, Semester 2

DBP404 Economic and Social Foundations of Planning

DBP405 Urban Design

DBP407 Environmental Planning and Management

DBP408 Planning Implementation and Law

Professional Studies (Graduate Diploma)

Year 2, Semester 1

DBP409 Urban Planning Practice

DBP410 Research Methods in Planning

DBP412 Planning Theory and Ethics

DBP411 Community Planning

Year 2, Semester 2

DBP413 Regional Planning Practice

DBP414 Regional and Metropolitan Policy

DBP415 Professional Practice or Research Project

DBP416 Elective

DBP417 Comparative Planning

Specialisation and Practice Studies (Masters)

Year 3, Semester 1

DBP501 Specialisation

DBP502 Professional Practice or Research Dissertation

DBP503 Masters Seminar

Notes:

DBP416 Elective maybe undertaken in Semester 1 or 2 in the second year of the program depending on staff availability.

DBP501 & DBP416 Elective offers Specialisations in Tourism, Urban Design, and Local Economic Development and Environmental Planning and Spatial Information for Planning. Other topics may be offered in either semester depending upon staff availability.

With approval of the course coordinator DBP411 may be taken in year 1 or 2.

The following units are offered in both Semesters 1 and 2:

DBP415 Professional Practice or Research Project

DBP416 Elective

DBP417 Comparative Planning (0cp)

DBP501 Specialisation

DBP502 Professional Practice or Research Dissertation (24cp)

Part-time Course Structure - 50% Progression Rate

Foundation Studies (non BBE graduates only)

Summer Semester

DBP403 Design Communication

Year 1, Semester 1

DBP401 Urban and Site Analysis

DBP402 Planning Processes

Year 1, Semester 2

DBP404 Economic and Social Foundations of Planning

DBP405 Urban Design

Year 2, Semester 1

DBP406 Computer Applications in Planning
DBP409 Urban Planning Practice

Year 2, Semester 2

DBP407 Environmental Planning and Management
DBP408 Planning Implementation and Law

Professional Studies (Graduate Diploma)

Year 3, Semester 1

DBP410 Research Methods in Planning
DBP411 Community Planning

Year 3, Semester 2

DBP413 Regional Planning Practice
DBP414 Regional and Metropolitan Policy

Year 4, Semester 1

DBP412 Planning Theory and Ethics
DBP415 Professional Practice or Research Project
DBP417 Comparative Planning

Year 4, Semester 2

DBP416 Elective

Specialisation and Practice Studies (Masters)

Year 5, Semester 1

DBP502 Professional Practice or Research Dissertation
DBP503 Masters Seminar

Note:

Please refer to Notes in Full-time Course Structure.

■ 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

Course structure

Environmental Engineering Major

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 Major

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
CEP201 Process Modelling
CEP218 Transportation Engineering
CEP291 Environmental Law and Assessment
CEP293 Pavement Design

Electives - Semester 2

CEP143 Biological Treatment Processes
CEP151 Road Safety Audit - Principles and Practice
CEP201 Process Modelling
CEP292 Engineering Practice 2

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

■ 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

Course Structure

Graduate Diploma students select a total of eight units from semester 1 and semester 2 lists.

Course structure

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 (full-time): 1 year

Course duration (part-time): 2 years

Total credit points: 96

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

Course coordinator: Assoc Prof David Birtwhistle

Course Design

In the Graduate Diploma students must complete 24 units from List.

Course structure

Semester 1

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
EEP208 Economic Analysis for Power System Engineers
EEP209 Power System Harmonics
EEP210 Abnormal System Voltages
EEP211 Basic Power System Protection
EEP213 Statistics
EEP218 Introduction to Automated System Control and Supervisory Systems
EEP219 High Voltage Substation Equipment: Power Transformers and Reactive Power Plant
EEP240 Organisation and Financial Management in the Electricity Supply Industry
EEP243 Contract Administration
EEP248 Introduction to Electricity Markets

Semester 2

EEP207 Overhead Line Route Selection - Environmental Factors

EEP212	Advanced Power System Protection
EEP214	Risk Assessment in the Electricity Supply Industry
EEP215	Reliability
EEP216	Overhead Line Design - Electrical
EEP217	Overhead Line Design - Mechanical
EEP220	Distribution Planning
EEP221	Limits to Power System Stability
EEP222	Maintenance of Electricity Supply Systems
EEP223	Load Forecasting
EEP224	Power System Operation
EEP241	Distance Protection
EEP242	Efficient Marketing and Utilisation of Electricity: Demand and Supply Side Solutions
EEP244	Circuit Breakers - Switchgear
EEP245	Introduction to Substation Design
EEP246	Customer Metering

Units available as resource-based learning (distance education) with flexible enrolment

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

Please note:

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

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*

Electives* (subject to availability)

Please consult with the Course Coordinator before finalising your enrolment.

Please refer to the list below.

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*

Electives* (subject to availability)

Please consult with the Course Coordinator before finalising your enrolment.

Please refer to the list below.

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*

Electives* (subject to availability)

Please consult with the Course Coordinator before finalising your enrolment.

Please refer to the list below.

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*

Electives* (subject to availability)

Please consult with the Course Coordinator before finalising your enrolment.

Please refer to the list below.

Electives* (Subject to availability)

Semester 1

BNB011	Fundamentals of Synthetic Environments
DBP401	Urban 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

Professional Recognition

The Diploma is recognised professionally by the Mapping Sciences Institute, Australia (now the Spatial Sciences Institute).

Full-time Course Structure - February Entry

Year 1, Semester 1

PSP311 Professional Practice Management
 PSP316 Survey Computing and Processing
 2 Electives*

Year 1, Semester 2

PSP323 Project Site Surveys
 PSP326 GIS and GPS
 2 Electives*

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 per semester and two electives from the Electives listed, or from other undergraduate and postgraduate units.

Part-time Course Structure - February Entry

Year 1, Semester 1

PSP316 Survey Computing and Processing
 Elective*

Year 1, Semester 2

PSP323 Project Site Surveys
 Elective*

Year 2, Semester 1

PSP311 Professional Practice Management
 Elective*

Year 2, Semester 2

PSP326 GIS and GPS
 Elective*

Notes:

Please consult with the Course Coordinator before finalising your enrolment.
 Part-time students are required to enrol in 24 credit points per semester. Select one core unit any other unit from the Electives listed, or from other undergraduate and postgraduate units.

Full-time Course Structure - July Entry

Year 1, Semester 2

PSP323 Project Site Surveys
 PSP326 GIS and GPS
 2 Electives*

Year 2, Semester 1

PSP311 Professional Practice Management
 PSP316 Survey Computing and Processing
 2 Electives*

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 per semester and two electives from the Electives listed, or from other undergraduate and postgraduate units.

Part-time Course Structure - July Entry

Year 1, Semester 2

PSP323 Project Site Surveys
 Elective*

Year 2, Semester 1

PSP316 Survey Computing and Processing
 Elective*

Year 2, Semester 2

PSP326 GIS and GPS
 Elective*

Year 3, Semester 1

PSP311 Professional Practice Management
 Elective*

Notes

Please consult with the Course Coordinator before finalising your enrolment.
 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 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:

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 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: Assoc Prof Vesna Popovic

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).

Course structure

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
 ADP943 elective units must be approved by the course coordinator

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
 ADP943 elective units must be approved by the course coordinator

■ 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

Professional Recognition

The Graduate Diploma in Interior Design is recognised by the Design Institute of Australia (DIA).

Course Structure

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 BBlEnv (L'scape Arch) graduates; 2 years other graduates

Course duration (part-time): 2 years BBlEnv (L'scape Arch) graduates; 4 years (other graduates)

Total credit points: 192

Course coordinator: Mr Glenn Thomas

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: Dr Stephen Kajewski

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.

Course structure

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: 036428G

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: Prof Terry Boyd

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.

Course structure

Full-time Course Structure - Property Development major - 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

Full-time Course Structure - Property Investment and Management major - Year 1, Semester 1

CNP547 Property Investment
 CNP555 Property Market Analysis
 CNP556 Property Management and Contracts
 EFN406 Managerial Finance

Year 1, Semester 2

CNP100 Facilities Management
 CNP557 Property Portfolio Analysis
 Two Electives

Part-time Course Structure - Property Development major - 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 major - Year 1, Semester 1

CNP547 Property Investment
 CNP555 Property Market Analysis

Year 1, Semester 2

CNP100 Facilities Management
 CNP557 Property Portfolio Analysis

Year 2, Semester 1

CNP556 Property Management and Contracts
 EFN406 Managerial Finance

Year 2, Semester 2

Two Electives

■ Graduate Diploma in Surveying Practice (PS68)

Award title: Graduate Diploma in Surveying Practice

Location: Gardens Point

Course duration (full-time): 1 year (February entry only)

Course duration (part-time): 2 years

Total credit points: 96

Course coordinator: Dr John Hayes

Flexible Delivery

Each unit involves a two-week intensive program at QUT. Study is spread over the semester. The option is also available to undertake individual units to update knowledge, or as a component of a Professional Training Agreement.

Full-time Course Structure - February Entry

Year 1, Semester 1

PSP311 Professional Practice Management
 PSP314 Boundary Definition Surveys 1
 PSP316 Survey Computing and Processing
 Elective

Year 1, Semester 2

PSP323 Project Site Surveys
 PSP326 GIS and GPS
 Elective
 Elective

*Electives - Semester 1

PSP317 Property Development Surveys
 PSP329 Urban Drainage for Surveyors

*Electives - Semester 2

PSP327 Engineering Surveying
 PSP328 Boundary Definition Surveys 2
 PSP330 Professional Practice Management 2

Notes:

Please consult with course coordinator before finalising your enrolment.

*Electives are offered subject to availability

Part-time Course Structure - February Entry

Year 1, Semester 1

PSP314 Boundary Definition Surveys 1
 PSP316 Survey Computing and Processing

Year 1, Semester 2

PSP323 Project Site Surveys
 PSP326 GIS and GPS

Year 2, Semester 1

PSP311 Professional Practice Management
 Choose 1 Elective*

Year 2, Semester 2

Choose 2 Electives*

*Electives

Please refer to Full-time Course Structure.

Notes:

Please consult with the course coordinator before finalising your enrolment.

*Electives are offered subject to availability

■ 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 year for Bachelor of Built Environment graduates; 2 - 2.5 years for other graduates

Course duration (part-time): 2 years for Bachelor of Built Environment graduates; 3-4 years for other graduates

Total credit points: 192

Course coordinator: Assoc Prof Phil Heywood

Professional Recognition

This course is professionally accredited by the Planning Institute of Australia.

Full-time Course Structure

Foundation Studies (non BBE graduates only)

Year 1, Summer Program

DBP403 Design Communication

Year 1, Semester 1

DBP401 Urban and Site Analysis

DBP402 Planning Processes

DBP406 Computer Applications in Planning

Year 1, Semester 2

DBP404 Economic and Social Foundations of Planning

DBP405 Urban Design

DBP407 Environmental Planning and Management

DBP408 Planning Implementation and Law

Professional Studies (Graduate Diploma)

Year 2, Semester 1

DBP409 Urban Planning Practice

DBP410 Research Methods in Planning

DBP412 Planning Theory and Ethics

DBP411 Community Planning

Year 2, Semester 2

DBP413 Regional Planning Practice

DBP414 Regional and Metropolitan Policy

DBP415 Professional Practice or Research Project

DBP416 Elective

DBP417 Comparative Planning

NOTES:

DBP411 - With approval of the course coordinator this unit maybe taken in either year 1 or 2.

DBP416 - Elective offers Specialisations in Tourism, Urban Design and Local Economic Development and Spatial Information for Planning Other topics may be offered depending on staff availability.

Part-time Course Structure

Part-time Course Structure (50%)

Foundation Studies (non BBE graduates only)

Year 1, Summer Program

DBP403 Design Communication

Year 1, Semester 1

DBP401 Urban and Site Analysis

DBP402 Planning Processes

Year 1, Semester 2

DBP404 Economic and Social Foundations of Planning

DBP405 Urban Design

Year 2, Semester 1

DBP406 Computer Applications in Planning

DBP409 Urban Planning Practice

Year 2, Semester 2

DBP407 Environmental Planning and Management

DBP408 Planning Implementation and Law

Professional Studies (Graduate Diploma)

Year 3, Semester 1

DBP410 Research Methods in Planning

DBP411 Community Planning

Year 3, Semester 2

DBP413 Regional Planning Practice

DBP414 Regional and Metropolitan Policy

Year 4, Semester 1

DBP412 Planning Theory and Ethics

DBP415 Professional Practice or Research Project

Year 4, Semester 2

DBP416 Elective

DBP417 Comparative Planning

*DBP416 Elective offers Specialisations in Tourism, Urban Design and Local Economic Development and Spatial Information for Planning Other topics may be offered depending on staff availability.

■ 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

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

* Available in three modules to suit individual needs. Fee

\$380 per module.

Full-time 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: Mr Glenn Thomas

Please note

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

Course structure

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

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.

Duration

This is a one-year part-time study program in which the units are offered in block mode. Students undertake prior study for each unit at home together with two one-week intensive workshops at QUT (anticipated to be one early in July and the second one late in November).

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

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): 1 year (must be completed in a maximum of 4 semesters).

Total credit points: 48

Course coordinator: Mr Yin Foong

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 Strand - Semester 1

CEP291 Environmental Law and Assessment
Elective

Environmental Engineering Strand - Semester 2

CEP141 Studies in Environmental Engineering
Elective

Transport Engineering Strand - Semester 1

CEP218 Transportation Engineering
Elective

Transport Engineering Strand - Semester 2

CEP216 Advanced Traffic Engineering
Elective

Electives - Semester 1

CEP127 Road and Traffic Engineering

CEP142 Water Pollution Control

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

CEP175 Pavement Maintenance Rehabilitation and Recycling

CEP201 Process Modelling

CEP216 Advanced Traffic Engineering

CEP292 Engineering Practice 2

■ 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

Course Structure

In the Graduate Certificate students select a total of four units from semester 1 and semester 2 lists.

Course structure

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

Elective Unit 1

Semester 2 - Units

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 (full-time): 1 semester

Course duration (part-time): 2 semesters

Total credit points: 48

Course coordinator: Assoc Prof David Birtwhistle

Course Structure

Full-time Course Structure

Semester 1

12 Units (selected from List)

Part-time Course Structure

Year 1, Semester 1

6 Units (selected from List)

Year 1, Semester 2

6 Units (selected from List)

List 1, Semester 1

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
EEP208	Economic Analysis for Power System Engineers
EEP209	Power System Harmonics
EEP210	Abnormal System Voltages
EEP211	Basic Power System Protection
EEP213	Statistics
EEP218	Introduction to Automated System Control and Supervisory Systems
EEP219	High Voltage Substation Equipment: Power Transformers and Reactive Power Plant
EEP240	Organisation and Financial Management in the Electricity Supply Industry
EEP243	Contract Administration
EEP248	Introduction to Electricity Markets

List 1, Semester 2

EEP207	Overhead Line Route Selection - Environmental Factors
EEP212	Advanced Power System Protection
EEP214	Risk Assessment in the Electricity Supply Industry
EEP215	Reliability
EEP216	Overhead Line Design - Electrical
EEP217	Overhead Line Design - Mechanical
EEP220	Distribution Planning
EEP221	Limits to Power System Stability
EEP222	Maintenance of Electricity Supply Systems
EEP223	Load Forecasting
EEP224	Power System Operation
EEP241	Distance Protection
EEP242	Efficient Marketing and Utilisation of Electricity: Demand and Supply Side Solutions
EEP244	Circuit Breakers - Switchgear
EEP245	Introduction to Substation Design
EEP246	Customer Metering

Units available as resource-based learning (distance education) with flexible enrolment

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 (ME74)

Award title: Graduate Certificate in Engineering Management

Course duration (full-time): 6 months

Course duration (part-time): 1 year

Total credit points: 48

Course coordinator: Dr Jun Wang

Location

Singapore (Organised by Crossfields Asia Pacific Pte Ltd.)

Course Outline

The course consists of four coursework units. The units are offered on a block basis. Each block occupies two weeks with lectures each evening Monday to Friday.

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

Course Design

Graduate Certificate students will take four units all of which are offered as part of the Master of Engineering Management. A similar course is offered in Singapore in conjunction with Crossfields Asia Pty Ltd.

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

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 detailed teaching periods of 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

Full-time course structure

Semester 1

PSB631	Geographic Information Systems 1
PSB654	Topics in Spatial Information Science
Choose 2 Electives*	

Electives* (subject to availability)

Semester 1

DBP401	Urban 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

Semester 2

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:

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 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

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*

Electives* (subject to availability)

Please refer to Full-time Course Structure for list of Electives.

Notes:

Please consult with the course coordinator before finalising your enrolment.

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.

Full-time course structure - July entry

Semester 2

PSB631 Geographic Information Systems 1

PSB654 Topics in Spatial Information Science

Choose 2 Electives*

Electives* (subject to availability)

Please refer to Full-time Course Structure for list of Electives.

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 per semester and two electives from the above-mentioned list, or from other undergraduate and postgraduate units.

Part-time course structure - July entry

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*

Electives* (subject to availability)

Please refer to Full-time Course Structure for list of Electives.

Notes:

Please consult with the course coordinator before finalising your enrolment.

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

Professional Recognition

The Graduate Certificate is recognised professionally by the Mapping Sciences Institute, Australia.

Full-time Course Structure - July Entry

Semester 2

PSP323 Project Site Surveys

PSP326 GIS and GPS

Choose 2 Electives

Notes: Students are required to select any two units from the Electives listed below. Please consult with the course coordinator before finalising your enrolment.

Part-time Course Structure - July Entry

Semester 2

Choose 2 Electives

Semester 1

PSP311 Professional Practice Management

PSP316 Survey Computing and Processing

Notes:

Students are required to select any two units from the Electives listed below. Please consult with the course coordinator before finalising your enrolment.

PS73 - Electives* (subject to availability)

Semester 1

BNB011 Fundamentals of Synthetic Environments

DBP401 Urban 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. The following units and semesters of offer are only available to postgraduate students subject to discussion with the course coordinator:

Please note: Electives are subject to availability

Semester 1: PSB643 Geodesy

Semester 2: PSB633 Map Production: Principles & Practice; PSB644

Advanced Geodesy

Please consult with the course coordinator before finalising your enrolment.

■ 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: Mr Glenn Thomas

Full-time Course Structure

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

PSB442 Plant Studies (L'scape Only)

PSP268 Site Planning

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

PSP263 Landscape Ecology

PSP264 Spatial Design Theory

Year 1, Semester 2

PSB442 Plant Studies (L'scape Only)

PSP268 Site Planning

■ 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: Mr Glenn Thomas

Full-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

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

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

Professional Recognition

This course is seeking registration with the Planning Institute of Australia (formerly RAPI) as a recognised Continuing Professional Development Course.

Course Structure

Students wishing to use the Graduate Certificate as a refresher or introductory course, may select any four units offered in the Graduate Diploma in Urban and Regional Planning. Full-time is one semester (48cp); part-time is 2 semesters (48cp). Please see course structure for a recommended program.

Full-time Course structure

Semester 1

DBP401 Urban and Site Analysis

DBP402 Planning Processes

DBP411 Community Planning

DBP501 Specialisation

Part-time Course structure

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 Course structure (Full-time)

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 Course structure (Part-time)

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 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: Dr Stephen Kajewski

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.

Course structure

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: Prof Terry Boyd

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.

Course structure

Full-time Course Structure

Property Development major - Semester 1

CNP547 Property Investment
 CNP555 Property Market Analysis
 CNP520 Project Management
 CNP521 Project Cost and Risk Management

Full-time Course Structure

Property Investment and Management major - Semester 1

CNP547 Property Investment
 CNP555 Property Market Analysis
 CNP556 Property Management and Contracts
 EFN406 Managerial Finance

Part-time Course Structure

Property Development major - Year 1, Semester 1

CNP547 Property Investment
 CNP555 Property Market Analysis

Year 1, Semester 2

CNP554 Advanced Land Development
 CNP545 Project Development

Part-time Course Structure

Property Investment and Management major - Year 1, Semester 1

CNP547 Property Investment
 CNP555 Property Market Analysis

Year 1, Semester 2

CNP557 Property Portfolio Analysis
 CNP100 Facilities Management

□ 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.

Summer Program

The Faculty offers a limited number of units in the summer semester. This summer program enables students to pick up units

and, for mid-year entry students, in some courses, it allows them to accelerate their program and complete their course in 3.5 years.

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.

Enrolment in Industrial Experience

Surveying/mapping and Engineering students should not formally enrol in industrial experience.

Industrial Experience Requirements

A candidate for the Bachelor of Architecture degree must be engaged in approved employment for at least 48 recognised weeks in the first three years of the course (ADB795 Practice Experience A), and for at least 72 recognised weeks in the second three years (ADB796 Practice Experience B).

Approved employment

Approved employment means working under the direction of an architect who is registered at the place of practice where the experience is obtained.

Minimum 8 weeks at a time

Periods of work experience of less than eight recognised weeks continuous duration cannot be accredited.

Recognised week

A recognised week is a week of five days work. During semester, when students normally work a three to four-day week, the 18-week semester (13 weeks in class and 5 weeks in examination), translates to 14.4 recognised weeks. The figure is rounded off to 14 weeks to take into account public holidays. Students in continuous concurrent employment would normally accumulate 40 recognised weeks in a calendar year. (A three-day working week constitutes 3/5 of a recognised week; a six-day working week constitutes 6/5 of a recognised week).

All reference to a week in the following text shall mean a ‘recognised week’.

Commencement before third year

Candidates who are admitted into the course before third year must satisfy all ADB795 Practice Experience A and ADB796 Practice Experience B requirements.

Third year commencement

Candidates admitted to the course at the beginning of third year must complete 24 weeks in ADB795 Practice Experience A and all ADB796 Practice Experience B requirements.

After third year commencement

Candidates admitted directly into the course after the end of third year must satisfy ADB796 Practice Experience B only.

Prerequisite

ADB795 Practice Experience A is normally a prerequisite for ADB796 Practice Experience B.

Allied Experience during the course

Candidates may accumulate up to 12 weeks maximum in ADB795 Practice Experience A and up to 18 weeks maximum in ADB796 Practice Experience B for work experience gained prior to enrolment or during the course in approved areas allied to architecture. (Commonly approved allied areas: Civil Engineering, Interior Design, Industrial Design, Quantity Surveying, Construction Management, Town Planning, Landscape Architecture, Building).

Experience prior to commencement

Candidates may accumulate a maximum of 24 weeks in ADB795 Practice Experience A and a maximum of 36 weeks in ADB796 Practice Experience B for satisfactory approved experience under the direction of an architect prior to enrolment in the course. These maximum periods can include:

satisfactory approved experience gained prior to enrolment in the course in approved areas allied to architecture (provided the total period claimed for experience in approved allied areas does not exceed the maximum periods set for that experience in ADB795 Practice Experience A or ADB796 Practice Experience B).

Experience during leave of absence

Candidates may accumulate up to 24 weeks in ADB795 Practice Experience A and 36 weeks in ADB796 Practice Experience B during periods of approved leave of absence from formal classes. This may be in a period during the course or after completion of the academic course requirements.

Report each month

All students should report on their practice experience using the electronic logbook at the end of each month. Students without access to electronic reporting of work experience should make other arrangements with the Course Coordinator for the reporting of their work experience.

Report Form Practice Experience A

QUT School of Architecture, Interior and Industrial Design Practice Experience Report forms must be filled in and lodged for ADB795 Practice Experience A.

Report Log for Practice Experience B

The Log Book of Practical Experience published by the Architects Accreditation Council of Australia (AACA) and the University report forms must be filled out and lodged with QUT for ADB796 Practice Experience B.

Satisfactory Employment for Course Progression and Graduation For administrative purposes, candidates must enrol in ADB795 Practice Experience A in the second semester of third year and then cannot proceed to fourth year until this unit of employment is satisfied, unless a special dispensation is granted. Candidates must enrol in ADB796 Practice Experience B in the second semester of sixth year and will not be eligible to graduate until this unit of employment is satisfied. In both cases the accumulated credit, as recorded through the semester reports, will form the basis for accrediting work experience.

Credited Employment Counts Once

Employment which has been approved or credited in ADB795 Practice Experience A cannot be considered for further approval or credit in ADB796 Practice Experience B.

Full-time Students in Final Two Years

Candidates proposing to study the final 192 credit points in the course in two years full-time:

- Candidates (including those who had previously been studying full-time) must have achieved a minimum of 36 weeks accredited to ADB796 Practice Experience B, before commencing Year Four.
- Candidates who had previously been studying part-time and who have satisfied ADB795 Practice Experience A, may apply in ADB796 Practice Experience B for credit of a maximum of 36 weeks of work experience accrued in the first three years

which is in addition to that credited to ADB795 Practice Experience A.

Types of Experience

Types of experience required:

- ADB795 Practice Experience A:
 - At least 50 percent of time in undertaking design and/or documentation.
- ADB796 Practice Experience B:
 - 50 percent of time in design stages and contract documentation (AACA item 4.30 and 4.5) and;
 - Preliminary site investigation and evaluation of at least one project (AACA item 4.2.4) and;
 - Project Management contract administration of at least one project at 'observer' status where direct experience is unavailable (AACA items 4.7.19, 4.7.21 and 4.7.22).

■ 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: Ms Debbie Smit

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. A work experience diary is to be kept and made available for inspection by the course coordinator upon request.

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.

Course structure - Full-time

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
 CNB402 Investment Theory
 CNB409 Professional Practice 1
 CNB433 Dissertation A
 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

Electives - Semester 2
 CNB408 Advanced Building and Civil Construction
 CNB420 Current Construction Issues
 CNB425 International Construction
 CNB434 Dissertation B

Course structure - Flexible Mode

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

Course structure - Full-time Mid-Year Entry - 1 semester Advanced Standing

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
 CNB402 Investment Theory
 CNB409 Professional Practice 1
 CNB433 Dissertation A
 Elective

Year 4, Semester 2
 CNB410 Property Development
 CNB423 Professional Practice 2
 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. A work experience diary is to be kept and made available for inspection by the course coordinator upon request. Only international students are eligible to complete 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. 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. Please also see important details on advanced standing which affect professional accreditation and recognition.

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.

Course structure - February Entry - Full-time

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

CNB402 Investment Theory
OR Elective
CNB409 Professional Practice 1
CNB433 Dissertation A
CNB482 Measurement 4

Year 4, Semester 2

CNB410 Property Development
OR Elective
CNB423 Professional Practice 2
CNB434 Dissertation B
Elective

Electives Semester 1

CNB402 Investment Theory
CNB481 Construction Dispute Management
CNB483 Smart and Sustainable Construction

Electives - Semester 2

CNB408 Advanced Building and Civil Construction
CNB420 Current Construction Issues
CNB425 International Construction

CNB434 Dissertation B

Course Structure - February Entry (Decelerated)

Year 1, Semester 1

CNB101 Construction 1
CNB102 Building Technology 1
CNB106 Technical Communications

Year 1, Semester 2

CNB107 Construction 2
CNB120 Economics in the Construction Industry
CNB110 Measurement 1

Year 2, Semester 1

CNB105 Legal and Land Studies
OR Elective (Note A)

CNB201 Construction 3
CNB209 The Environment and the Quantity Surveyor

Year 2, Semester 2

CNB109 Professional Studies 1
CNB227 Applied Computing
CNB206 Law 1

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
CNB335 Time Management
CNB305 Construction Estimating

Year 4, Semester 2

CNB310 Measurement 3
CNB307 Building Economics and Cost Management
CNB308 Professional Studies 3

Year 5, Semester 1

CNB433 Dissertation A
OR Elective (Note A)
CNB409 Professional Practice 1

Year 5, Semester 2

CNB410 Property Development
OR Elective (Note A)
CNB423 Professional Practice 2

CNB434 Dissertation B

Year 6, Semester 1

CNB402 Investment Theory
Elective

Electives

See Electives list in full-time structure.

■ Bachelor of Architecture (AR48)

Award title: Bachelor of Architecture

CRICOS code: 006364A

Location: Gardens Point

Course duration (full-time): 6 years flexible full-time (refer to Entry Requirements)

Total credit points: 384 (coursework) + 96 (approved employment)

Standard credit points per semester (full-time): 24 or 36 (see Course Structure)

Course coordinator: Mr Jack Williamson

Special Entry Requirements

Applicants must have successfully completed three years of full-time study in an accredited architecture course, with a grade point average of 4 or greater in the listed third-year units. QUT students who have completed three years of the architectural program at QUT and who remain active, or on approved leave of absence, have right of entry to the Bachelor of Architecture until 2006. Other applicants need to apply to QTAC for entry to the Bachelor of Architecture and the portfolios must be received by QUT by 28 November 2003.

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 48 recognised weeks by the end of year 3, (ADB795) and for at least 72 recognised weeks within the second three years (ADB796).

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.

Segmented Course Units

Where course units contain discrete segments identified in the synopsis, students are generally expected to pass all segments in order to pass the course unit. The final grade for the unit will be aggregated from the grades attained in the segments undertaken.

Course structure

Year 1 is not offered in 2004

Current AR48 students only

Year 2, Semester 1

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 schedules in either AR48 or BN31 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 and 3.

■ Bachelor of Built Environment (Architectural Studies) (BN31)

Award title: Bachelor of Built Environment (Architectural Studies)

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: Mr Jack Williamson

2004 Entry to Architecture

All students undertaking an architectural course at QUT in year 1,2 and 3 enrol in the Bachelor of Built Environment (Architectural Studies) (BN31).

Other Majors

See also entries for the following majors in this course: Interior Design, Industrial Design, Landscape Architecture, and Urban and Regional Planning.

Professional Recognition

Graduates of the Bachelor of Built Environment (Architectural Studies) are eligible for entry to Year 4 of the Bachelor of Architecture. 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.

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

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

Special Course Notes

- 1 Students must complete all units in the Years 1, 2 and 3 schedules in either AR48 or BN31 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 Late 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 year 2 and 3.

■ 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: Assoc Prof Vesna Popovic

Other Majors

See also entries for the following majors in this course: Architectural Studies, 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: Architectural Studies, 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 Delwyn Poulton

Other Majors

See also entries for the following majors in this course: Architectural Studies, 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 in Landscape Architecture 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: Architectural Studies, 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 is fully accredited by the Royal Australian Planning Institute (RAPI).

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
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: Dr Martin Murray (CE44); Dr Duncan Campbell (EE41); Dr Andy Tan (ME41)

Professional Recognition

Please check accreditation status against the individual courses.

Special Course Requirements

Students must complete at least 60 days of industrial experience in order to graduate.

Civil - Dean's Scholars Course Structure

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 - Dean's Scholars Course Structure

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

CEB330 Environmental Management for Engineers
 CEB416 Environmental Law and Assessment
 CEB523 Environmental Geotechnology
 MAB138 Engineering Statistics and Numerical Methods

Year 3, Semester 2

CEB426 Environmental Professional Studies (Civil Project)
 CEB418 Waste Resource Management
 CEB419 Environmental Transport & Infrastructure Management
 PSB443 Population and Urban Studies

Year 3 - Summer

CEB420 Environmental Thesis A
 Master of Engineering Science unit

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 - Dean's Scholars 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
 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
 General Elective

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

Year 3, Semester 1

EEB511 Modern Control and Power Electronics
 EEB512 Industrial Electronics and Digital Design
 EEB560 Digital Communications
 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

Year 4, Semester 2

- Master of Engineering Science unit
- Master of Engineering Science unit
- Master of Engineering Science unit

EEP301-2 Project

Electives

See list under EE41 Course Structure

Computer Systems - Dean's Scholars 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 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
- ITB118 ICT Systems Life Cycle
- MAB132 Engineering Mathematics 1B

Year 2, Semester 1

- EEB312 Analog and Digital Electronics
 - EEB340 Introduction to Telecommunications
 - MAB139 Computer Engineering Mathematics 3
- General Elective

Year 2, Semester 2

- EEB412 Advanced Electronics and Embedded Systems
- EEB440 Classical Signal Processing
- ITB421 Software Development 3
- ITB448 Object Technology

Year 2 - Summer Program

- EEB584 Introduction to Design

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

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

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

- EEP126 Communications Digital Signal Processing
- 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
- EEP135 Digital Signal Processing and Applications
- EEP301-1 Project
- EEP301-2 Project

Telecommunications Dean's Scholars 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 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
- ITB118 ICT Systems Life Cycle
- MAB132 Engineering Mathematics 1B

Year 2, Semester 1

- EEB312 Analog and Digital Electronics
 - EEB340 Introduction to Telecommunications
 - MAB134 Electrical Engineering Mathematics 3
- General Elective

Year 2, Semester 2

- EEB412 Advanced Electronics and Embedded Systems
- EEB440 Classical Signal Processing
- ITB421 Software Development 3
- MAB135 Electrical Engineering Mathematics 4

Year 2 - Summer Program

- EEB584 Introduction to Design

Year 3, Semester 1

- EEB560 Digital Communications
 - EEB781 Professional Studies 2
 - ITB524 Internetworking
- Elective Unit 1

Year 3, Semester 2

- EEB640 Digital Signal Processing
- EEB641 Fields Transmission and Propagation
- EEB684 Advanced Design
- EEB960 Wireless Communications
- ITB527 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
- EEP126 Communications Digital Signal Processing
- 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
EEP135	Digital Signal Processing and Applications
EEP301-1	Project
EEP301-2	Project

Infomechatronics - Dean's Scholars Course Structure

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
ITB847	Computational Intelligence for Control & Embedded Systems
MMB212	Mechanics 2
MMB374	Design for Manufacturing 1
MMB476	Operations Management

Year 3 - Summer* Program for students intending to take Masters course

BSB115	Management, People and Organisations
MEN102	Advanced Mechanical Engineering Studies 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 3 Masters units from Band 1 or 2
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Year 3 - Summer* Program for students not intending to undertake Masters course

BSB115	Management, People and Organisations 1 Masters unit from Band 1 or 2
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Year 4, Semester 1

EEB521	Digital Systems and Control
MMB004	Infomechatronics Project

Masters units

Band 1 units

One 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 units

Three 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 or 2

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 - Dean's Scholars Course Structure

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* for students intending to take Masters course

BSB115	Management, People and Organisations
MEN102	Advanced Mechanical Engineering Studies
MMB401-1	Project

Year 4, Semester 1

MMB401-2	Project 2 Masters units from Band 1 or 2
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Year 4, Semester 2

MEN190	Project 2 Masters units from Band 1 or 2
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Year 3 - Summer Program* for students not intending to take Masters course

BSB115	Management, People and Organisations 1 Masters unit from Band 1 or 2
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Year 4, Semester 1

MMB401-1	Project
MMB401-2	Project

or
 MMB400 Industry Project
Masters units
 See list under ME40 Infomechatronics Dean's Scholars Course Structure

Medical - Dean's Scholars Course Structure

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 for students intending to undertake the Masters course

BSB115 Management, People and Organisations
 MEN102 Advanced Mechanical Engineering Studies
 MMB409-1 Project

Year 4, Semester 1

MMB409-2 Project
 2 Masters units from Band 1 or 2

Year 4, Semester 2

MEN190 Project
 2 Masters units from Band 1 or 2

Year 3 - Summer* Program for students not intending to undertake the Masters course

MEN102 Advanced Mechanical Engineering Studies
 or
 Any unit from ME80 Band 1 or 2

Year 4, Semester 1

MMB409-1 Project
 MMB409-2 Project

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: Assoc Prof Werner Enderle

Professional Recognition

This degree meets the requirements for membership of The Institution 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.

Course structure

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 Aerospace Systems Design

Year 3, Semester 2

EEB612 Software Systems Design
 EEB640 Digital Signal Processing
 EEB641 Fields Transmission and Propagation
 EEB685 Advanced Aerospace Design

Year 4, Semester 1

EEB732 Space Technology
 EEB781 Professional Studies 2
 EEB782-1 Aerospace Project
 Elective Unit 1

Year 4, Semester 2

EEB782-2 Aerospace 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

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

Total credit points: 384

Course coordinator: Dr Martin Murray

Professional Recognition

Professional accreditation is being sought from The Institution of Engineers, Australia (IEAust).

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.

Other options

This course is also offered as an accelerated program for mid-year entry students. The course can be completed in three and a half years full-time through attendance at the Summer Program.

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

Please 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

Elective

Year 4, Semester 2

- CEB426 Environmental Professional Studies (Civil Project)
- PSB443 Population and Urban Studies
- CEB420 Environmental Thesis Project A

OR

Directed Elective

Directed Elective

A minor from the Faculty of Built Environment and Engineering or Science can be substituted for 4 elective units in 4th year.

Electives - List A Semester 1 (subject to availability)

- CEB523 Environmental Geotechnology
- PSP501 Environmental Planning and Assessment
- NRB500 Environmental Modelling
- NRB501 Mapping and Modelling of Natural Resource Data

Or other units approved by the course coordinator

Electives - List B Semester 2 (subject to availability)

- PSP453 Urban Systems and the Physical Environment
- NRB440 Environmental Chemistry
- NRB600 Issues in Environmental Management
- SCB402 Earth Resources Management

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 - February entry only

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 The Institution 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.

Other Options

This course is also offered as an accelerated program for mid-year entry students. The course can be completed in three and a half years full-time through attendance at the Summer Program.

Please refer to the Mid-year entry course structure (CE45).

Environmental Engineering Major: Students may elect to enter the environmental major of the course at the end of Year 3.

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 to consult with School

Administration 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)
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
Please note: MAB180-must have Maths B, MAB131-must have Maths C

Students not having Maths B, please consult School Admin Officer

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 School Administration Officer regarding your course structure.

Electives

Semester 1

CEB415 Thesis Project B
CEB416 Environmental Law and Assessment
CEB507 Finite Element Methods
CEB508 Transport Engineering 1
CEB509 Project Management and Administration
CEB517 Advanced Engineering Studies
CEB523 Environmental Geotechnology

Semester 2

CEB415 Thesis Project B
CEB418 Waste Resource Management
CEB513 Advanced Construction Practice
CEB514 Project Control
CEB516 Masonry Design
CEB517 Advanced Engineering Studies
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
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)
Directed Elective
Elective

■ 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

Total credit points: 384

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

Course coordinator: Dr Vinod Chandran

Professional Recognition

The course is provisionally accredited by The Institution of Engineers, Australia (IEAust).

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.

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
 ITB118 ICT Systems Life Cycle
 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

EEB511 Modern Control and Power Electronics
 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
 EEP123 Process Control and Robotics
 EEP129 Image Processing and Computer Vision
 ITB623 Information Security
 ITB640 Artificial Intelligence
 ITB641 Component and Network Applications
 ITB643 Unix Systems Programming
 ITB646 Cryptographic Fundamentals
 ITB647 Advanced Programming Technology
 ITB648 Graphics
 ITB650 Computational Intelligence

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 (February entry only)

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 The Institution 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.

Optional Pathway

This course is also offered as an accelerated program (EE42) for mid-year entry students, in which the course can be completed in three and a half years full-time through attendance at the Summer Program.

Industry Cooperative Education Program

High achieving students at the commencement of third year will 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

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 - Full-time

Year 1, Semester 1

CEB109 Engineering Mechanics 1
 EEB112 Electrical and Computer Engineering 1
 MAB180 Engineering Mathematics 1
 or
 MAB131 Engineering Mathematics 1A
 PCB136 Engineering Physics 1C

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 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 Project
 Students normally enrol in EEB889-1 in semester one.
 Elective Unit 1 (Technical)
 Elective Unit 2 (Technical)

Year 4, Semester 2

EEB889 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

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.

Course Structure - EE42-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 Project
 Students normally enrol in EEB889-1 in semester one
 Elective 1 (Technical)
 Elective 2 (Technical)

Year 4, Semester 2

EEB889 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

Course structure - 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)

Course Structure - Part-time

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 Project

Students normally enrol in EEB889-1 in semester one

Year 8 - Semester 2

EEB889 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: 003490G

Location: Gardens Point

Course duration (full-time): 4 years

Total credit points: 384

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

Course coordinator: Dr Prasad Yarlagadda

Professional Recognition

This course has provisional accreditation from The Institution of Engineers, Australia (IEAust).

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 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

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

MGB007 Engineering Management

MMB004 Infomechatronics Project

Students must complete 60 days Industrial Experience to graduate.

■ 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 Andy Tan

Professional Recognition

This degree is recognised for the purpose of membership of The Institution 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.

Major- Engineering Management

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.

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 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.

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
- 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 Thermo-fluids

Year 3, Semester 1

- MMB311 Mechanics 3
- MMB352 Fluid Mechanics
- MMB371 Manufacturing Processes
- MMB381 Design of Mechanical Components and Machines

Year 3, Semester 2

- MGB007 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 B and 1 elective from Group C
- Option 2
- MMB401/1 Project
- MMB401/2 Project
3 electives from Group B and 1 elective from Group C

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

- MMB376 Professional Practice (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
Two units from the Engineering Management electives list

Year 4, Semester 2

- MMB402 Engineering Management Project

Engineering Management Major Electives

- MGB211 Organisational Behaviour
- AMB240 Marketing Planning and Management
- BSB122 Business Information Analysis and Communication
- MMB451 Energy Management
MEN units for articulation to the Master of Engineering Management (GPA>5 required)
any 12cp units approved by the course coordinator

Electives - Group A

- MMB412 Finite Element Analysis
- MMB430 Advanced Materials
- MMB450 Air Conditioning
- MMB353 Tribology

Electives - Group B

- 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
Any unit from another Faculty approved by the Course Coordinator.

Electives - Group C

- 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, MMB413, MMB471 and MMB476 are available in semester 2 only.

ME42 BEngineering (Mechanical) 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
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
 MGB007 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 B Electives
 1 Group C Elective
Year 4, Semester 1 or 2 Option 2
 MMB401/1Project
 MMB401/2Project
 3 Group B Electives
 1 Group C Elective

Engineering Management Major
 See above, ME41 B Engineering (Mechanical)

Group B Electives

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
 Any unit approved by the Course Coordinator.

Group A Electives

MMB412 Finite Element Analysis
 MMB430 Advanced Materials
 MMB450 Air Conditioning
 MMB353 Tribology

Group C 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 (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 Andy Tan

Professional Recognition

This degree is recognised for the purpose of membership of The Institution 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
 1 Elective

Year 2, Semester 1

MMB400 Industry Project

OR

MMB401/1Internal Project

MMB401/2Internal 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

Course coordinator: Dr Timothy Barker

Professional Recognition

This course is accredited by The Institution of Engineers, Australia (IEAust). Graduates are eligible to be graduate members of IEAust.

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

MGB007 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.

**■ Bachelor of Engineering
 (Telecommunications) (EE47)**

Award title: Bachelor of Engineering (Telecommunications)

CRICOS code: 040308D

Location: Gardens Point

Course duration (full-time): 4 years

Total credit points: 384

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

Course coordinator: Dr Vinod Chandran

Professional Recognition

The course is provisionally accredited by The Institution of Engineers, Australia (IEAust).

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.

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
 ITB118 ICT Systems Life Cycle

Year 2, Semester 2

EEB412 Advanced Electronics and Embedded Systems
 EEB440 Classical Signal Processing
 MAB135 Electrical Engineering Mathematics 4
 ITB610 Software Development 3

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

EEB511 Modern Control and Power Electronics
 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
 EEB961 RF and Applied Electromagnetics
 EEB976 Advanced Industrial Electronics
 EEB992 VLSI Circuits and Systems
 EEP123 Process Control and Robotics
 EEP129 Image Processing and Computer Vision
 ITB611 Object Technology
 ITB623 Information Security
 ITB625 Network Administration
 ITB626 Management of Network Systems
 ITB629 Network Services
 ITB640 Artificial Intelligence
 ITB641 Component and Network Applications
 ITB643 Unix Systems Programming
 ITB644 Windows Administration
 ITB646 Cryptographic Fundamentals
 ITB647 Advanced Programming Technology
 ITB648 Graphics
 ITB650 Computational Intelligence

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: Dr Lynne Armitage

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 be 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 and is currently accredited by the Singapore Institute of Surveyors and Valuers from whom reaccreditation 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 Economics
CNB292 Property Investment Valuation
CNB293 Real Estate Accounting and Taxation

Year 2, Semester 2

EFB210 Finance 1
CNB294 Real Estate Agency and Marketing

CNB295 Planning Theory and Processes
CNB395 Research Methods

Year 3, Semester 1

CNB296 Contemporary Issues
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
CNB296 Contemporary Issues

Year 4

CNB490-1 Research Dissertation 1
CNB490-2 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 and Economics

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 Institution of Surveyors, Australia, and the Institution of Engineering and Mining Surveyors, Australia and the Mapping Sciences Institute, Australia (These Institutions have now been incorporated into the Spatial Sciences Institute). The degree also satisfies the academic requirements of the Surveyors Board of Queensland as leading to registration and licensing as a Surveyor. Overseas: Surveying graduates are readily accepted internationally.

Mid-Year Entry

Mid-year entry (PS48) is open to students with a minimum of one semester advanced standing. Please contact the course coordinator for individual enrolment advice.

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

Students must obtain at least 90 days of industrial experience/practice in a surveying/mapping environment, approved by the course coordinator. Students must submit a report or diary in the required format, describing the work carried out during the period of industrial experience/practice and including an Industrial Experience Record Form signed by the employer.

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
 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 has provisional recognition by The Institution of Engineers, Australia and the University will be applying for full recognition. This recognition will allow graduates to be Graduate Technologist members of the Institution and work towards becoming Technologist members after some years of suitable work experience has been undertaken.

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 cp 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 The Institution of Engineers, Australia (IEAust). 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 receive credit of 144 credit points. Students will be automatically granted 144 credit points of academic credit towards their degree.

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 an engineering environment approved by the course coordinator.

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

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

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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.

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. The Faculty has developed a range of innovative and collaborative programs.

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

Our Bachelor of Business allows you 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, or add a particular flavour or emphasis. You can add units from other faculties within QUT. We also offer a number of double degree options.

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
- Graduate Diploma
- Masters (Coursework & Research)
- MBA
- PhD

Coursework Programs

Our flexible postgraduate programs allow you to expand on your existing qualifications or expertise 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
- Business & Taxation Law
- Commerce
- Economics
- Electronic Business
- Human Resource Management
- Integrated Marketing Communication
- International Business
- Management
- Marketing
- Philanthropy & Nonprofit studies
- Public Management
- Public Relations

Innovative MBA Programs

We also offer arguably Australia's most innovative MBA, which was recently listed by the Graduate Management Association of Australia as one of Australia's 5-star MBA programs. We are also equal first in Australia to receive Association of MBAs (AMBA) accreditation.

Our Executive MBA (EMBA) is a tailored program for more experienced managers offered in an intensive, flexibly delivered format. The EMBA will provide participants with excellent networking opportunities and culminates in a 10-day international study tour.

And we also offer double degree options, allowing you to add a Master of Entrepreneurship & Innovation, Masters of Information Technology or a Masters of Applied Finance to your MBA qualification.

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 research focuses on finding solutions to real-world problems. And, again, we collaborate with industry whenever possible to ensure our research programs stay relevant and timely.

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: Prof Sandra Harding, BSc(Hons) ANU, MPubAdmin Qld, PhD North Carolina State, FAICD, FAIM

Assistant Dean/Director of Graduate Studies: Lyn Simpson, DipT Mt Gravatt CAE, BEd Brisbane CAE, MEd James Cook

Director of Research & Development: Prof Boris Kabanoff, BA(Hons) Qld, PhD Flinders

Director of Internationalisation: W. Renforth, AB Rollins College, MBA Crummer, MS MBA DBA Indiana

Director of Undergraduate Studies: Andrew Paltridge, BEc(Hons) MEcSt Qld, GradCert(HigherEd) Griff

Academic Services Manager: Ms Margie Cole, BEc Tas, CAICD

Brisbane Graduate School of Business

Head of School: Prof Evan Douglas, BCom(Hons) MCom
Newcastle, PhD Simon Fraser

Director of MBA Program: Dr Caroline Hatcher, BA Qld, BED
Brisbane CAE, MA(Hons) CSU, PhD QUT

School of Accountancy

Head: Prof P. Little, LLB LLM Qld, Barrister-at-Law

Profs:

Roger Willett, BA(Hons) UEA, PhD Aberdeen, FCA (ICAEW)
M. McGregor-Lowndes, BA LLB Qld, MAdmin, PhD Griff, JP,
Solicitor of Supreme Court of Queensland and High Court of
Australia

Associate Profs:

P. Best, BCom(Hons) Qld, MEngSc N'cle(NSW), PhD QUT,
FCPA, ICA, MACS
C. Ryan, BCom DipEd MFinMgt Qld, PhD Griff, FCPA, IIA
J. Goodwin, BBus Massey, MEc Adel, PhD Lincoln, IIA, CPA,
ICANZ

School of Advertising, Marketing and Public Relations

Head: Prof Charles Patti, BA MS PhD Ill

Prof: N. Arnold, BMus MSc (Ed) Southern Ill, ReD Indiana

Associate Prof: J.L. Everett, BA Michigan, MA PhD Colorado

School of Economics and Finance

Head: Prof Allan Layton, BEcon(Hons) MEcon PhD Qld

Prof: A.S. Hurn, BCom(Hons) Natal, DPhil Oxon

Associate Profs:

M.L. Robinson, BA(Hons) Syd, MCom(Econ) Melb, PhD ANU
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): Prof Neal Ryan, BSc MSc MPhil PhD Griff

Profs:

M.Griffin, BAMED Melb, PhD Penn St
R. Waldersee, BA MA(Psych) Syd, MA(ClinPsych) PhD UN-L

School of International Business

Head: Prof Gordon Boyce, BA(Hons) Brock, MA Keele, PhD
LSE

Director: Prof 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: Prof Myles McGregor-Lowndes, BA, LLB Qld,
MAdmin, PhD Griff, JP, Solicitor of Supreme Court of
Queensland and High Court of Australia

RESEARCH CENTRES

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 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.

■ **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: Ms Lyn Simpson

Discipline coordinator: Mr Mark Christensen

Course Design

Students must complete twelve units (144 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 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 - AAIBF(Snr). Graduates may meet the educational requirements for professional membership of the Financial and Treasury Association.

Course structure - Full-time

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.

Course Structure - Part-time

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.

■ **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: Ms Lyn Simpson

Discipline coordinator: Assoc Prof James Everett

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.

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.

Advertising (Full-time)

Year 1, Semester 1

AMN400 Consumer Behaviour

AMN420 Advertising Management

AMN422 Media Strategy

AMN401 Integrated Marketing Communication

Year 1, Semester 2

AMN421 Contemporary Issues in Advertising

AMN423 Strategies for Creative Advertising

AMN403 Marketing and Survey Research

BSN412 Qualitative Research and Analytical Techniques

Year 1, Summer Program

AMN406 Project

Two Elective units (24 credit points)

Or

Elective unit

Elective unit

Elective unit

Elective unit

Advertising (Part-time)

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

AMN422 Media Strategy

AMN403 Marketing and Survey Research

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 (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: Ms Lyn Simpson

Discipline coordinator: Mr Greg Southey

Other Majors

See also separate entries for the following majors in this course:

Advertising, Integrated Marketing Communication, Marketing, Philanthropy and Nonprofit Studies, Public Management, and Public Relations.

Course Design

All students will undertake eight compulsory core units (96 credit points) and four elective units (48 credit points), or a project (24 credit points) and two elective units (24 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.

Course Structure

Year 1, Semester 1

IBN400 Industry Analysis

MGN404 Managing and Organising Global Firms

MGN505 Consulting and Change Management

MGN506 Contemporary Issues in HRM

Year 1, Semester 2

MGN421 Strategic HRM

MGN422 Contemporary Issues and Practices in Employee Relations

MGN423 Contemporary Strategic Analysis

MGN424 International Dimensions of HRM

Year 2, Semester 1 (or Year 1, Summer Program)

Elective unit

Elective unit

Elective unit

Elective unit

Part-time Course Structure

Year 1, Semester 1

MGN404 Managing and Organising Global Firms

MGN506 Contemporary Issues in HRM

Year 1, Semester 2

MGN422 Contemporary Issues and Practices in Employee Relations

MGN424 International Dimensions of HRM

Year 1, Summer Program

Elective unit

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 2, Summer Program

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: Ms Lyn Simpson

Discipline coordinator: Assoc Prof James Everett

Other Majors

See also separate entries for the following majors in this course:

Advertising, Human Resource Management, Marketing, Philanthropy and Nonprofit Studies, Public Management, and Public Relations.

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).

This major may be taken over three semesters full-time (including a summer program) or six semesters part-time (including two summer programs). In principle a student would be able to complete this course in consecutive semesters, depending on the availability of units.

Articulation

Students who have articulated from the Graduate Certificate in Business may receive block credit for 48 credit points.

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 Program

AMN406 Project

Elective Unit

Area Specialisation 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

Area Specialisation Unit

BSN412 Qualitative Research and Analytical Techniques

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

(IMC Case Study)

Area Specialisation Units

Two of the following 12 credit point units:

AMN420 Advertising Management

AMN442 Marketing Management

AMN465 Public Relations Management

Elective units

Two of the following 12 credit point units:

- AMN422 Media Strategy
- AMN423 Strategies for Creative Advertising
- AMN443 Product and Service Innovation
- AMN444 Services Marketing
- AMN445 Strategic Marketing Management
- AMN448 Marketing for Online Services
- AMN461 Corporate Media Strategy and Tactics
- AMN467 Public Relations Campaigns
- AMN421 Contemporary Issues in Advertising
- AMN447 Contemporary Issues in Marketing
- AMN460 Corporate and Investor Relations
- AMN463 Public Opinion and Public Relations
- AMN468 Issues and Crisis Management
- AMN482 Marketing for the Nonprofit Sector
- KCP018 Creative Industries
- KCP110 Global Media and Communication Policy
- KCP348 Media Audiences
- KCP349 Applied Media Communication

■ 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: Ms Lyn Simpson

Discipline coordinator: Assoc Prof James Everett

Other Majors

See also separate entries for the following majors in this course: Advertising, Human Resource Management, Integrated Marketing Communication, Philanthropy and Nonprofit Studies, Public Management, and Public Relations.

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 Summer Program) 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.

Course Structure

Year 1, Semester 1

- AMN442 Marketing Management
- AMN403 Marketing and Survey Research
- 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 Program

- AMN406 Project
- Two Elective Units (24 credit points)
- Or
- Elective unit
- Elective unit
- Elective unit
- Elective unit

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: Ms Lyn Simpson

Discipline coordinator: Dr Carol Dalglish

Other Majors

See also separate entries for the following majors in this course: Advertising, Human Resource Management, Integrated Marketing Communication, Marketing, Public Management, and Public Relations.

Course Design

All students will undertake six compulsory core units (72 credit points), a compulsory project (24 credit points) and 48 credit points of elective units or a project (12 credit points) and three elective units (36 credit points).

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.

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.

Course Structure

Year 1, Semester 1

- 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
- AMN403 Marketing and Survey Research

Elective unit from the following units:

- BSN506 Econometric Methods
- BSN507 Research Methods
- BSN412 Qualitative Research and Analytical Techniques

Year 1, Semester 2 / 6TP4 and 6TP5

- AMN482 Marketing for the Nonprofit Sector
- GSN224 Corporate Philanthropy
- GSN232 Fundraising Principles

GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
 GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

Year 1, Summer Program

BSN404 Project 1
 or
 Elective unit
 BSN406 Project 3
 Elective unit

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

AMN482 Marketing for the Nonprofit Sector
 GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
 GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

Year 2, Semester 1

GSN233 Special Topic in Philanthropy and Nonprofit Studies
 Elective unit from one of the following units:

AMN403 Marketing and Survey Research
 BSN506 Econometric Methods
 BSN507 Research Methods
 BSN412 Qualitative Research and Analytical Techniques

Year 2, Semester 2

GSN224 Corporate Philanthropy
 GSN232 Fundraising Principles

Year 3, Semester 1

BSN404 Project 1
 Or
 Elective unit
 Elective unit

Year 3, Semester 2

BSN406 Project 3

■ 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: Ms Lyn Simpson

Discipline coordinator: Ms Lynn Gallagher

Professional Recognition

The Master of Business (Professional Accounting) is a conversion course designed for graduates with no formal qualifications in accountancy. On completion you will meet the academic requirements for Associate Membership of CPA Australia and enrolment in the CPA examinations, and for enrolment in the CA program of the Institute of Chartered Accountants in Australia.

Course Design

All students must undertake 144 credit points as prescribed below. 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. Students with an undergraduate degree with a major in Economics, Finance or Law may be eligible to apply for substitution of units.

Full-time Course Structure (Feb Entry)

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 (Feb Entry)

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
 GSN411 Economics of Strategy 1
 GSN414 Business Conditions Analysis 1

*Note: GSN411 and GSN414 are both 6 credit point units. These units combined are deemed equivalent to EFN405

■ 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: Ms Lyn Simpson

Discipline coordinator: Dr Kerry Brown

Other Majors

See also separate entries for the following majors in this course: Advertising, Human Resource Management, Integrated Marketing Communication, Marketing, Philanthropy and Nonprofit Studies, and Public Relations.

Course Design

All students will undertake six compulsory core units (72 credit points), two 'core option' units (24 credit points) and 48 credit points of elective units.

This major may be taken over three semesters full-time (including a summer semester) or six semesters part-time (including two summer programs). 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

MGN402 Government-Business Relations
 MGN425 The Context of Public Management
 MGN517 Program Management and Evaluation
 Core Option

Year 1, Semester 2

MGN421 Strategic HRM
 MGN423 Contemporary Strategic Analysis
 MGN426 International Trends in Public Management
 Core Option

Year 2, Semester 1 (or Year 1, Summer Program)

Elective unit
 Elective unit
 Elective unit
 Elective unit

Major Core Option Units

Students choose two of the following core options

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

Year 2, Semester 1

MGN517 Program Management and Evaluation
 Core Option

Year 2, Semester 2

MGN421 Strategic HRM
 Elective unit

Year 3, Semester 1

Elective unit
 Elective unit

Year 3, Semester 2

MGN423 Contemporary Strategic Analysis
 Elective unit

Major Core Options

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: Ms Lyn Simpson

Discipline coordinator: Assoc Prof James Everett

Other Majors

See also separate entries for the following majors in this course:

Advertising, Human Resource Management, Integrated Marketing Communication, Marketing, Philanthropy and Nonprofit Studies, and Public Management.

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.

Public Relations (Full-time)

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 Program

AMN406 Project
 Two Elective units (24 credit points)
 Or
 Elective Unit
 Elective Unit
 Elective Unit
 Elective Unit

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

Public Relations (Part-time)

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) - Accountancy (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 (if you have no Honours degree) or 96 (if you have an Honours degree and gain exemption for the coursework component)

Course coordinator: Prof Neal Ryan

Discipline coordinator: Assoc Prof Christine Ryan

Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

Course Design

For entry without an Honours degree, students must complete four approved coursework units (48 credit points) and a dissertation (96 credit points) as per the programs of study prescribed below.

For entry with an Honours degree students must complete a dissertation (96 credit points).

Course structure

Compulsory Core Units

AYN433 Research Topics in Accounting
BSN507 Research Methods

Elective Units (two)

The two 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 the approval of the Subject Area Coordinator.

Thesis

BSN600 Thesis

■ Master of Business (Research) - Advertising (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 credit points (without Honours), 96 credit points (with Honours)

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

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

Course coordinator: Prof Neal Ryan

Discipline coordinator: Assoc Prof James Everett

Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

Course Design

For entry without an Honours degree, students must complete four approved coursework units (48 credit points) and a dissertation (96 credit points) as per the programs of study prescribed below.

For entry with an Honours degree students must complete a dissertation (96 credit points).

Course Structure

Compulsory Core Units

Select two units

AMN403 Marketing and Survey Research
BSN502 Research Methodology
BSN503 Research Seminar
BSN412 Qualitative Research and Analytical Techniques

Elective Units

The Elective units may be selected from any approved 12 credit point postgraduate unit in the specialisation area (Advertising), subject to the approval of the Subject Area Coordinator

Thesis

BSN600 Thesis

■ Master of Business (Research) - Banking & Finance (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 (for entry without Honours) or 96 (for entry with Honours)

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

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

Course coordinator: Prof Neal Ryan

Discipline coordinator: Prof Stan Hurn

Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

Course Design

For entry without an Honours degree, students must complete four approved coursework units (48 credit points) and a dissertation (96 credit points) as per the programs of study prescribed below.

For entry with an Honours degree students must complete a dissertation (96 credit points).

Course Structure

Compulsory Unit

BSN506 Econometric Methods

Units in Banking and Finance

EFN504 Finance Honours
EFN505 Financial Risk Management

Elective

The Elective unit may be taken from any 12 credit point postgraduate unit offered by the Faculty of Business, subject to the approval of the Subject Area Coordinator

Compulsory Thesis

BSN600 Thesis

■ Master of Business (Research) - Economics (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 (for entry without Honours) or 96 (for entry with Honours)

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

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

Course coordinator: Prof Neal Ryan

Discipline coordinator: Prof Stan Hurn

Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

Course Design

For entry without an Honours degree, students must complete four approved coursework units (48 credit points) and a dissertation (96 credit points) as per the programs of study prescribed below.

For entry with an Honours degree students must complete a dissertation (96 credit points).

Course Structure

Compulsory Unit

BSN506 Econometric Methods

Units in Economics

EFN500 Contemporary Macroeconomic Theories
EFN502 Developments in Microeconomic Theories

Elective

The Elective unit may be taken from any 12 credit point postgraduate unit offered by the Faculty of Business, subject to the approval of the Subject Area Coordinator

Compulsory Thesis

BSN600 Thesis

■ Master of Business (Research) - Human Resource Management (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 (for entry without Honours) or 96 (for entry with Honours)

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

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

Course coordinator: Prof Neal Ryan

Discipline coordinator: Prof Mark Griffin

Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

Course Design

For entry without an Honours degree, students must complete four approved coursework units (48 credit points) and a dissertation (96 credit points) as per the programs of study prescribed below.

For entry with an Honours degree students must complete a dissertation (96 credit points).

Course Structure

Compulsory Units

Under the umbrella of Human Resources Management, students may be able to undertake a thesis in Employee Relations

BSN502 Research Methodology

BSN503 Research Seminar

Two units from your chosen area of study

MGN506 Contemporary Issues in HRM

MGN508 HRM Cases

Compulsory Thesis

BSN600 Thesis

■ Master of Business (Research) - International Business (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 (if you have no Honours degree) or 96 (if you have an Honours degree and gain exemption for the coursework component)

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

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

Course coordinator: Prof Neal Ryan

Discipline coordinator: Prof Gordon Boyce

Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

Course Design

For entry without an Honours degree, students must complete four approved coursework units (48 credit points) and a dissertation (96 credit points) as per the programs of study prescribed below.

For entry with an Honours degree students must complete a dissertation (96 credit points).

Course Structure

Compulsory Units

BSN502 Research Methodology

BSN503 Research Seminar

International Business Units

Select two units from area of specialisation, approved by the Subject Area Coordinator

Compulsory Thesis

BSN600 Thesis

■ Master of Business (Research) - Management (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 (for entry without Honours) or 96 (for entry with Honours)

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

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

Course coordinator: Prof Neal Ryan

Discipline coordinator: Prof Mark Griffin

Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

Course Design

For entry without an Honours degree, students must complete four approved coursework units (48 credit points) and a dissertation (96 credit points) as per the programs of study prescribed below.

For entry with an Honours degree students must complete a dissertation (96 credit points).

Course Structure

Compulsory Units

Under the umbrella of Management, students may be able to undertake a thesis in Public Management.

BSN502 Research Methodology

BSN503 Research Seminar

Management Units

MGN501 Readings in Management

MGN507 Contemporary Issues in Management

Compulsory Thesis

BSN600 Thesis

■ Master of Business (Research) - Marketing (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 (entry without Honours) or 96 (entry with Honours)

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

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

Course coordinator: Prof Neal Ryan

Discipline coordinator: Assoc Prof James Everett

Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

Course Design

For entry without an Honours degree, students must complete four approved coursework units (48 credit points) and a dissertation (96 credit points) as per the programs of study prescribed below.

For entry with an Honours degree students must complete a dissertation (96 credit points).

Course Structure

Compulsory Core Units

Select two units:

- AMN403 Marketing and Survey Research
- BSN502 Research Methodology
- BSN503 Research Seminar
- BSN412 Qualitative Research and Analytical Techniques

Elective Units

The Elective units may be selected from any 12 credit point postgraduate units in the specialisation area (Marketing), subject to the approval of the Subject Area Coordinator

Thesis

- BSN600 Thesis

■ Master of Business (Research) - Public Relations (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 (if you have no Honours degree) or 96 (if you have an Honours degree and gain exemption for the coursework component)

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

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

Course coordinator: Prof Neal Ryan

Discipline coordinator: Assoc Prof James Everett

Other Disciplines

See also separate entries for all the disciplines in this course: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing, and Public Relations.

Course Design

For entry without an Honours degree, students must complete four approved coursework units (48 credit points) and a dissertation (96 credit points) as per the programs of study prescribed below.

For entry with an Honours degree students must complete a dissertation (96 credit points).

Course Structure

Compulsory Core Units

Select two units:

- AMN403 Marketing and Survey Research
- BSN502 Research Methodology
- BSN503 Research Seminar
- BSN412 Qualitative Research and Analytical Techniques

Elective Unit

The Elective unit may be taken from any 12 credit point postgraduate unit in the specialisation area (Public Relations), subject to the approval of the Subject Area Coordinator.

Thesis

- 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 undertake 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 16 core units of 6 credit points each and a further 96 credit points of electives, which may be either 6 or 12 credit point units. This will allow students to amass a major (60 credit points) in a particular study area.

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 sixteen (16) core units must be completed:

- GSN401 Managing in the Global Business Environment
- 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 96 credit points of which students are required to undertake a major (60 cp) in one of the study areas below and 36 credit points of elective units. Students may attain concentrations (36cp) or minors (24cp) in the following areas through careful choice of elective units.

- Accounting
- Arts & Cultural Management
- Business Communication
- Corporate Governance
- Electronic Business
- Economics
- Entrepreneurship
- Finance
- Health Services Management
- Human Resource Management
- International Business
- Information Technology Management
- Leadership
- Marketing
- Philanthropy & Nonprofit Studies
- Strategy

MAJORS

Accounting

Core Units:

- GSN404 Financial Statements Analysis 1

Required Units:

- GSN427 Financial Statements Analysis 2

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:

- GSN411 Economics of Strategy 1
- GSN414 Business Conditions Analysis 1

Required Units:

- GSN421 Economics of Strategy 2
- GSN424 Business Conditions Analysis 2

Elective units:

- GSN451 Contemporary Issues in the International Political Economy
- GSN453 Economics of Health & Health Care
- 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.

Electronic Business

- Core Units:
 GSN402 Strategic Use of Information Technology
 Required Units:
 GSN435 Electronic Commerce
 GSN469 Internet Applications
 GSN470 E-Business
 GSN463 Australian E-Communications Policy
 or
 GSN464 International E-Communications Policy
 Elective units:
 GSN447 Strategic Internet Marketing 1
 GSN448 Strategic Internet Marketing 2
 GSN454 Economics of Information and E-Commerce
 GSN465 Advanced Electronic Commerce
 GSN466 Technology Infrastructure Management
 GSN467 Knowledge Management
 GSN468 Public and Commercial Policy in the ICT Sector
 GSN471 E-Publishing
 AYN446 The Law of E-Commerce
 AYN448 Management of Electronic Business Processes
 ITN260 E-Commerce Site Development
 ITN272 Information Technology Project Management

Entrepreneurship

- Core Units:
 GSN410 Entrepreneurship
 GSN416 Business Plans 1
 Required Units:
 GSN420 New Venture Strategy
 GSN426 Business Plans 2
 GSN429 New Venture Marketing
 GSN430 New Venture Resourcing
 Elective units:
 GSN427 Financial Statement Analysis 2
 GSN431 New Venture Growth and Transitions
 GSN432 New Venture Leadership and HRM
 GSN434 Venture Capital

Finance

- Core Units:
 GSN413 Financial Management 1
 GSN414 Business Conditions Analysis 1
 Required Units:
 GSN423 Financial Management 2
 Elective units:
 GSN424 Business Conditions Analysis 2
 GSN430 New Venture Resourcing
 GSN434 Venture Capital
 GSN451 Contemporary Issues in the International Political Economy
 EFN412 Advanced Managerial Finance
 EFN414 International Finance
 EFN415 Security Analysis
 EFN416 Treasury and Portfolio Management
 EFN417 An Introduction to International Finance
 EFN506 Advanced International Finance

Information Technology Management

- Core Units:
 GSN402 Strategic Use of Information Technology
 Required Units:
 GSN470 E-Business
 Elective units:
 ITN211 Systems Analysis And Design
 ITN215 Management Support Systems
 ITN220 Issues In IT Management
 ITN252 Process Engineering
 ITN255 Knowledge Management
 ITN272 Information Technology Project Management
 ITN322 Information Resources
 ITN330 Information Issues
 ITN266 Principles Of Information Management
 ITN412 Technology Of Information Systems
 ITN510 Data Communications

MBA Concentrations and Minors

Concentrations (36 credit points) and minors (24 credit points) are available in the areas listed below:

Accounting

- Minor
 Core Units:
 GSN404 Financial Statements Analysis 1
 Required Units:
 GSN427 Financial Statement Analysis 2
 Elective units (Choose 12cp from the list below)
 Concentration
 Core Units:
 GSN404 Financial Statements Analysis 1
 Required Units:
 GSN427 Financial Statement Analysis 2
 Elective units (Choose 24cp from the list 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 24cp from the list below)
 Concentration
 Elective Units (Choose 36cp from the list below)
 Elective List:
 GSN225 Business Development in Creative Industries
 GSN226 Arts Policy and Strategy
 GSN228 Marketing Arts and Culture
 GSN227 Arts and Cultural Management
 GSN232 Fundraising Principles

Business Communication

- Minor
 Core Unit:
 GSN407 Business Communication
 Required Unit:
 GSN417 Effective Advocacy for Managers
 Elective units (Choose 12cp from the list below)
 Concentration
 Core Unit:
 GSN407 Business Communication
 Required Unit:
 GSN417 Effective Advocacy for Managers
 Elective units (Choose 24cp from the list below)
 Elective List:
 GSN457 Organisational Communication and Influence
 GSN458 Intercultural Business Communication
 GSN459 Communication Planning for Organisations
 GSN462 Negotiation Strategies
 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 Principles of Corporate Governance
 GSN473 Corporate Accountability
 Concentration
 Core Units:
 GSN404 Financial Statements Analysis 1
 GSN412 Business Law 1
 Required Units:
 GSN472 Principles of Corporate Governance
 GSN473 Corporate Accountability
 Elective units (Choose 12cp from the list below)
 Elective List:
 GSN224 Corporate Philanthropy
 GSN405 Strategic Management
 GSN415 Understanding Leadership
 GSN422 Business Law 2
 GSN427 Financial Statement Analysis 2
 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

AYN412	Company Law		Required Units:
Economics		GSN420	New Venture Strategy
	Minor	GSN426	Business Plans 2
	Core Units:		Elective units (Choose 12cp from the list below)
GSN411	Economics of Strategy 1		Elective List:
GSN414	Business Conditions Analysis 1	GSN429	New Venture Marketing
	Required Units:	GSN430	New Venture Resourcing
GSN421	Economics of Strategy 2	GSN431	New Venture Growth and Transitions
GSN424	Business Conditions Analysis 2	GSN432	New Venture Leadership and HRM
	Concentration:	GSN434	Venture Capital
	Core Units:	Finance	
GSN411	Economics of Strategy 1		Minor
GSN414	Business Conditions Analysis 1		Core Units:
	Required Units:	GSN413	Financial Management 1
GSN421	Economics of Strategy 2	GSN414	Business Conditions Analysis 1
GSN424	Business Conditions Analysis 2		Required Units:
	Elective units (Choose 12cp from the list below)	GSN423	Financial Management 2
	Elective List:		Elective unit (Choose 6cp from the list below)
GSN451	Contemporary Issues in the International Political Economy		Concentration
GSN453	Economics of Health & Health Care		Core Units:
GSN454	Economics of Information and E-Commerce	GSN413	Financial Management 1
BSN506	Econometric Methods	GSN414	Business Conditions Analysis 1
EFN410	Economic and Financial Modelling		Required Units:
EFN500	Contemporary Macroeconomic Theories	GSN423	Financial Management 2
EFN502	Developments in Microeconomic Theories		Elective units (Choose 18cp from the list below)
*Students	undertaking EFN500 and EFN502 would need to have		Elective List:
	completed the equivalent of a second year undergraduate Economics	GSN424	Business Conditions Analysis 2
	degree at a recognised university. This would involve completing	GSN430	New Venture Resourcing
	intermediate undergraduate macro and micro economics at the very least.	GSN434	Venture Capital
Electronic Business		GSN451	Contemporary Issues in the International Political Economy
	Minor	EFN412	Advanced Managerial Finance
	Core Unit:	EFN414	International Finance
GSN402	Strategic Use of Information Technology	EFN415	Security Analysis
	Required Units:	EFN416	Treasury and Portfolio Management
GSN435	Electronic Commerce	EFN417	An Introduction to International Finance
GSN470	E-Business	EFN506	Advanced International Finance
	Elective unit (Choose 6cp unit from the list below)	Health Services Management	
	Concentration		Minor
	Core Unit:		Core Units:
GSN402	Strategic Use of Information Technology	GSN411	Economics of Strategy 1
	Required Units:		Required Units:
GSN435	Electronic Commerce	GSN453	Economics of Health & Health Care
GSN469	Internet Applications	PUN692	Health Care Delivery Systems
GSN470	E-Business		Concentration
	Elective units (Choose 12cp from the list below)		Core Units:
	Elective List:	GSN411	Economics of Strategy 1
GSN435			Required Units:
GSN447	Strategic Internet Marketing 1	GSN453	Economics of Health & Health Care
GSN448	Strategic Internet Marketing 2	PUN692	Health Care Delivery Systems
GSN454	Economics of Information and E-Commerce		Elective units (Choose 12cp from the list below)
GSN463	Australian E-Communications Policy		Elective List:
GSN464	International E-Communications Policy	GSN449	Public Sector and Social Marketing 1
GSN465	Advanced Electronic Commerce	GSN450	Public Sector and Social Marketing 2
GSN466	Technology Infrastructure Management	LWS006	Health, Ethics And The Law
GSN467	Knowledge Management	PUP415	Occupational and Environmental Health
GSN468	Public and Commercial Policy in the ICT Sector	PUN601	Contemporary Health Policies
GSN469	Internet Applications	PUN608	Health Economics
GSN470	E-Business	PUN609	Health Care Finance
GSN471	E-Publishing	PUN610	Health Services Management
AYN446	The Law of E-Commerce	PUN615	Advanced Health Service Management
AYN448	Management of Electronic Business Processes	PUN617	Environmental Health Management
ITN260	E-Commerce Site Development	Human Resource Management	
ITN272	Information Technology Project Management		Minor
Entrepreneurship			Core Units:
	Minor	GSN406	Human Resource Management Issues
	Core Units:	GSN409	Organisational Behaviour 1
GSN410	Entrepreneurship		Required Units:
GSN416	Business Plans 1	MGN427	Human Resource Management
	Required Units:		Concentration
GSN420	New Venture Strategy		Core Units:
	Elective Unit (Choose 6cp from the list below)	GSN406	Human Resource Management Issues
GSN429	New Venture Marketing	GSN409	Organisational Behaviour 1
GSN430	New Venture Resourcing		Required Units:
GSN431	New Venture Growth and Transitions	MGN427	Human Resource Management
GSN432	New Venture Leadership and HRM		Elective units (Choose 12cp from the list below)
	Concentration		Elective list:
	Core Units:	GSN419	Organisational Behaviour 2
GSN410	Entrepreneurship	GSN432	New Venture Leadership and HRM
GSN416	Business Plans 1	GSN452	International Human Resource Management

GSN207 Organisational Analysis and Consulting
 MGN421 Strategic HRM
 MGN422 Contemporary Issues and Practices in Employee Relations

Information Technology Management

Minor
 Core Unit:
 GSN402 Strategic Use of Information Technology
 Required Units:
 GSN470 E-Business
 Elective units (Choose 12cp from the list below)
 Concentration
 Core Unit:
 GSN402 Strategic Use of Information Technology
 Required Unit:
 GSN470 E-Business
 Elective units (Choose 24cp from the list below)
 Elective List:
 ITN211 Systems Analysis And Design
 ITN215 Management Support Systems
 ITN220 Issues In IT Management
 ITN252 Process Engineering
 ITN255 Knowledge Management
 ITN272 Information Technology Project Management
 ITN322 Information Resources
 ITN330 Information Issues
 ITN266 Principles Of Information Management
 ITN412 Technology Of Information Systems
 ITN510 Data Communications

International Business

Minor
 Core Unit:
 GSN401 Managing in the Global Business Environment
 Elective units (Choose 18cp from the list below)
 Concentration
 Core Unit:
 GSN401 Managing in the Global Business Environment
 Elective units (Choose 30cp from the list below)
 Elective List:
 GSN428 International Study Tour
 GSN444 Special Topics 1
 GSN451 Contemporary Issues in the International Political Economy
 GSN452 International Human Resource Management
 GSN458 Intercultural Business Communication
 GSN462 Negotiation Strategies
 GSN464 International E-Communications Policy
 AYN424 International Accounting
 EFN414 International Finance
 IBN403 Business in Asia
 IBN404 Business in Europe
 IBN421 Marketing Internationally
 IBN435 Business in Australia
 IBN409 Negotiating Across Borders
 IBN410 International Logistics Management
 MGN404 Managing and Organising Global Firms

Leadership

Minor
 Core Units:
 GSN407 Business Communication
 GSN415 Understanding Leadership
 Required Units:
 GSN425 Leadership Development
 Elective unit (Choose 6cp from the list below)
 Concentration
 Core Units:
 GSN407 Business Communication
 GSN415 Understanding Leadership
 Required Units:
 GSN417 Effective Advocacy for Managers
 GSN425 Leadership Development
 Elective units (Choose 12cp from the list 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
 GSN458 Intercultural Business Communication
 GSN460 Creative Problem Solving
 GSN207 Organisational Analysis and Consulting
 GSN480 Sustainable Development and Competitive Advantage

Marketing

Minor
 Core Units:
 GSN408 Fundamentals of Marketing Management
 Required Units:
 GSN418 Marketing Strategy Development
 Elective unit (Choose 6cp from the list below)
 Concentration
 Core Units:
 GSN408 Fundamentals of Marketing Management
 Required Units:
 GSN418 Marketing Strategy Development
 Elective units (Choose 24cp from the list below)
 Elective List:
 GSN429 New Venture Marketing
 GSN447 Strategic Internet Marketing 1
 GSN448 Strategic Internet Marketing 2
 GSN449 Public Sector and Social Marketing 1
 GSN450 Public Sector and Social Marketing 2
 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 Non-Profit Studies

Minor
 Core Units:
 GSN224 Corporate Philanthropy
 GSN481 Philanthropic and Nonprofit Frameworks of Governance
 GSN482 Philanthropic and Nonprofit Economics
 Concentration
 Core Units:
 GSN224 Corporate Philanthropy
 GSN481 Philanthropic and Nonprofit Frameworks of Governance
 GSN482 Philanthropic and Nonprofit Economics
 Elective units (Choose 12cp from the list below)
 Elective List:
 GSN232 Fundraising Principles
 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

Strategy

Minor
 Core Units:
 GSN405 Strategic Management
 GSN411 Economics of Strategy 1
 Required Unit:
 GSN474 Strategy Planning & Development
 Elective unit (Choose 6 cp from list below)
 Concentration
 Core Units:
 GSN405 Strategic Management
 GSN411 Economics of Strategy 1
 Required unit
 GSN474 Strategy Planning & Development
 Elective units (Choose 12cp from the list below)
 Elective List:
 GSN207 Organisational Analysis and Consulting
 GSN420 New Venture Strategy
 GSN421 Economics of Strategy 2
 GSN426 Business Plans 2
 GSN431 New Venture Growth and Transitions
 GSN461 Making Change Work
 GSN475 Strategic Analysis

**■ Master of Business Administration (MBA)
 (GS40)**

Award title: Master of Business Administration

CRICOS code: 003468F

Location: Gardens Point

Course duration (full-time): 3 semesters (full-time). The course must be completed within a maximum time period of five years.

Course duration (part-time): 6 semester (part-time). 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 16 core units of 6 credit points each and further 48 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

Course Structure

Students must complete the following 16 core units:

- GSN401 Managing in the Global Business Environment
- 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 48cp of elective units undertaken as a concentration/minor.

Accounting

Minor

Core Units:

- GSN404 Financial Statements Analysis 1
- Required Units:
- GSN427 Financial Statement Analysis 2
- Elective units (Choose 12cp from the list below)
- Concentration
- Core Units:
- GSN404 Financial Statements Analysis 1
- GSN427 Financial Statement Analysis 2
- Required Units:
- Elective units (Choose 24cp from the list 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 24cp from the list below)

Concentration

Elective units (Choose 36cp from the list below)

Elective List:

- GSN225 Business Development in Creative Industries
- GSN226 Arts Policy and Strategy
- GSN228 Marketing Arts and Culture
- GSN227 Arts and Cultural Management
- GSN232 Fundraising Principles

Business Communication

Minor

Core Unit:

- GSN407 Business Communication
- Required Unit:
- GSN417 Effective Advocacy for Managers
- Elective units (Choose 12cp from the list below)

Concentration

Core Unit:

- GSN407 Business Communication
- Required Unit:
- GSN417 Effective Advocacy for Managers
- Elective units (Choose 24cp from the list below)
- Elective List:
- GSN457 Organisational Communication and Influence
- GSN458 Intercultural Business Communication
- GSN459 Communication Planning for Organisations
- GSN462 Negotiation Strategies
- 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 Principles of Corporate Governance
- GSN473 Corporate Accountability
- Concentration
- Core Units:
- GSN404 Financial Statements Analysis 1
- GSN412 Business Law 1
- Required Units:
- GSN472 Principles of Corporate Governance
- GSN473 Corporate Accountability
- Elective units (Choose 12cp from the list 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
- 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 Units:

- GSN411 Economics of Strategy 1
 - GSN414 Business Conditions Analysis 1
 - Required Units:
 - GSN421 Economics of Strategy 2
 - GSN424 Business Conditions Analysis 2
 - Concentration:
 - Core Units:
 - GSN411 Economics of Strategy 1
 - GSN414 Business Conditions Analysis 1
 - Required Units:
 - GSN421 Economics of Strategy 2
 - GSN424 Business Conditions Analysis 2
 - Elective units (Choose 12cp from the list below)
 - Elective List:
 - GSN451 Contemporary Issues in the International Political Economy
 - GSN453 Economics of Health & Health Care
 - 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.

Electronic Business

Minor

Core Unit:

- GSN402 Strategic Use of Information Technology
- Required Units:
- GSN435 Electronic Commerce
- GSN470 E-Business
- Elective unit (Choose 6cp unit from the list below)

Concentration
Core Unit:
GSN402 Strategic Use of Information Technology
Required Units:
GSN435 Electronic Commerce
GSN469 Internet Applications
GSN470 E-Business
Elective units (Choose 12cp from the list below)
Elective List:
GSN435 Electronic Commerce
GSN447 Strategic Internet Marketing 1
GSN448 Strategic Internet Marketing 2
GSN454 Economics of Information and E-Commerce
GSN463 Australian E-Communications Policy
GSN464 International E-Communications Policy
GSN465 Advanced Electronic Commerce
GSN466 Technology Infrastructure Management
GSN467 Knowledge Management
GSN468 Public and Commercial Policy in the ICT Sector
GSN469 Internet Applications
GSN470 E-Business
GSN471 E-Publishing
AYN446 The Law of E-Commerce
AYN448 Management of Electronic Business Processes
ITN260 E-Commerce Site Development
ITN272 Information Technology Project Management

Entrepreneurship
Minor
Core Units:
GSN410 Entrepreneurship
GSN416 Business Plans 1
Required Units:
GSN420 New Venture Strategy
Elective unit (Choose 6cp from the list below)
Elective List
GSN429 New Venture Marketing
GSN430 New Venture Resourcing
GSN431 New Venture Growth and Transitions
GSN432 New Venture Leadership and HRM
Concentration
Core Units:
GSN410 Entrepreneurship
GSN416 Business Plans 1
Required Units:
GSN420 New Venture Strategy
GSN426 Business Plans 2
Elective units (Choose 12cp from the list below)
Elective List:
GSN429 New Venture Marketing
GSN430 New Venture Resourcing
GSN431 New Venture Growth and Transitions
GSN432 New Venture Leadership and HRM
GSN434 Venture Capital

Finance
Minor
Core Units:
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
Required Units:
GSN423 Financial Management 2
Elective units (Choose 6cp from the list below)
Concentration
Core Units:
GSN413 Financial Management 1
GSN414 Business Conditions Analysis 1
Required Units:
GSN423 Financial Management 2
Elective units (Choose 18cp from the list below)
Elective List:
GSN424 Business Conditions Analysis 2
GSN430 New Venture Resourcing
GSN434 Venture Capital
GSN451 Contemporary Issues in the International Political Economy
EFN412 Advanced Managerial Finance
EFN414 International Finance
EFN415 Security Analysis
EFN416 Treasury and Portfolio Management
EFN417 An Introduction to International Finance
EFN506 Advanced International Finance

Health Services Management
Minor
Core Units:
GSN411 Economics of Strategy 1
Required Units:
GSN453 Economics of Health & Health Care
PUN692 Health Care Delivery Systems
Concentration
Core Units:
GSN411 Economics of Strategy 1
Required Units:
GSN453 Economics of Health & Health Care
PUN692 Health Care Delivery Systems
Elective units (Choose 12cp from the list below)
Elective List:
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
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 12cp from the list below)
Elective list:
GSN419 Organisational Behaviour 2
GSN432 New Venture Leadership and HRM
GSN452 International Human Resource Management
GSN207 Organisational Analysis and Consulting
MGN421 Strategic HRM
MGN422 Contemporary Issues and Practices in Employee Relations

Information Technology Management
Minor
Core Unit:
GSN402 Strategic Use of Information Technology
Required Units:
GSN470 E-Business
Elective units(Choose 12cp from the list below)
Concentration
Core Unit:
GSN402 Strategic Use of Information Technology
Required Unit:
GSN470 E-Business
Elective units (Choose 24cp from the list below)
Elective List:
ITN211 Systems Analysis And Design
ITN215 Management Support Systems
ITN220 Issues In IT Management
ITN252 Process Engineering
ITN255 Knowledge Management
ITN272 Information Technology Project Management
ITN322 Information Resources
ITN330 Information Issues
ITN266 Principles Of Information Management
ITN412 Technology Of Information Systems
ITN510 Data Communications

International Business
Minor
Core Unit:
GSN401 Managing in the Global Business Environment
Elective units (Choose 18cp from the list below)
Concentration
Core Unit:
GSN401 Managing in the Global Business Environment

Elective units (Choose 30cp from the list below)
 Elective List:
 GSN428 International Study Tour
 GSN444 Special Topics 1
 GSN451 Contemporary Issues in the International Political Economy
 GSN452 International Human Resource Management
 GSN458 Intercultural Business Communication
 GSN462 Negotiation Strategies
 GSN464 International E-Communications Policy
 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 unit (Choose 6cp from the list below)
 Concentration
 Core Units:
 GSN407 Business Communication
 GSN415 Understanding Leadership
 Required Units:
 GSN417 Effective Advocacy for Managers
 GSN425 Leadership Development
 Elective units (Choose 12cp from the list below)
 Elective List:
 GSN207 Organisational Analysis and Consulting
 GSN417 Effective Advocacy for Managers
 GSN432 New Venture Leadership and HRM
 GSN457 Organisational Communication and Influence
 GSN456 Personal Development and Ethics for Managers
 GSN458 Intercultural Business Communication
 GSN460 Creative Problem Solving
 GSN480 Sustainable Development and Competitive Advantage

Marketing

Minor
 Core Units:
 GSN408 Fundamentals of Marketing Management
 Required Units:
 GSN418 Marketing Strategy Development
 Elective unit (Choose 6cp from the list below)
 Concentration
 Core Units:
 GSN408 Fundamentals of Marketing Management
 Required Units:
 GSN418 Marketing Strategy Development
 Elective units (Choose 24cp from the list below)
 Elective List:
 GSN429 New Venture Marketing
 GSN447 Strategic Internet Marketing 1
 GSN448 Strategic Internet Marketing 2
 GSN449 Public Sector and Social Marketing 1
 GSN450 Public Sector and Social Marketing 2
 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 Non-Profit 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 12cp from the list below)
 Elective List:
 GSN232 Fundraising Principles
 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

Strategy

Minor
 Core Units:
 GSN405 Strategic Management
 GSN411 Economics of Strategy 1
 Required Unit:
 GSN474 Strategy Planning and Development
 Elective unit (Choose 6 cp from the list below)
 Concentration
 Core Units:
 GSN405 Strategic Management
 GSN411 Economics of Strategy 1
 Required Unit:
 GSN474 Strategy Planning and Development
 Elective units (Choose 18 cp from the list below)
 Elective List:
 GSN207 Organisational Analysis and Consulting
 GSN420 New Venture Strategy
 GSN421 Economics of Strategy 2
 GSN426 Business Plans 2
 GSN431 New Venture Growth and Transitions
 GSN461 Making Change Work
 GSN475 Strategic Analysis

■ Master of Business Administration/Master of 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

Discipline coordinator: Mr Mark Christensen

Course Design

Students must complete 240 credit points in total. The course can be undertaken, on a full-time basis over 5 semesters or on a part-time basis, over 10 semesters.

The structure of the MBA/MAppFin program is demonstrated in the attached table. Note that this is only one of many paths through the double MBA/MAppFin program, since not all core and elective units are offered every teaching period and students will need to exercise forward planning, particularly to ensure that they take Finance electives when they are offered and postpone MBA core units to later semesters. Students should seek the advice of BGSB Student Services or the School of Economics and Finance on unit sequencing.

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. School of Economics and Finance units are 12 credit points and 13 weeks in duration, being held for the entire duration of semester.

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

First Semester

- EFN406 Managerial Finance
- GSN401 Managing in the Global Business Environment
- GSN402 Strategic Use of Information Technology
- GSN403 Understanding Data
- GSN404 Financial Statements Analysis 1
- GSN407 Business Communication
- GSN408 Fundamentals of Marketing Management

Second Semester

- GSN405 Strategic Management
- GSN406 Human Resource Management Issues
- GSN409 Organisational Behaviour 1
- GSN410 Entrepreneurship
- GSN411 Economics of Strategy 1
- GSN414 Business Conditions Analysis 1
- GSN415 Understanding Leadership
- GSN416 Business Plans 1

Third Semester

- EFN415 Security Analysis
- GSN424 Business Conditions Analysis 2
- MBA Elective unit
- MBA Elective unit
- MBA Elective unit
- MBA Elective unit
- MBA Elective unit

Fourth Semester

- EFN412 Advanced Managerial Finance
- EFN505 Financial Risk Management
- EFN Elective unit
- EFN Elective unit

Fifth Semester

- BSN404 Project 1
- EFN413 Securities Law
- EFN414 International Finance
- EFN507 Advanced Capital Budgeting
- EFN Elective units are subject to approval by the School of Economics and Finance

MBA Concentrations and Minors

Students are required to undertake 30cp elective units in one or more of the following MBA concentration and/or minor areas other than in Finance.

Concentrations (36 credit points) and minors (24 credit points) are available in the areas listed below:

Accounting

- Minor
- Core Units:
- GSN404 Financial Statements Analysis 1
- Required Units:
- GSN427 Financial Statement Analysis 2
- Elective units (Choose 12cp from the list below)
- Concentration
- Core Units:
- GSN404 Financial Statements Analysis 1
- GSN427 Financial Statement Analysis 2
- Required Units:
- Elective units (Choose 24cp from the list 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 24cp from the list below)
- Concentration
- Elective units (Choose 36cp from the list below)
- Elective List:
- GSN225 Business Development in Creative Industries
- GSN226 Arts Policy and Strategy
- GSN228 Marketing Arts and Culture

- GSN227 Arts and Cultural Management
- GSN232 Fundraising Principles

Business Communication

- Minor
- Core Unit:
- GSN407 Business Communication
- Required Unit:
- GSN417 Effective Advocacy for Managers
- Elective units (Choose 12cp from the list below)
- Concentration
- Core Unit:
- GSN407 Business Communication
- Required Unit:
- GSN417 Effective Advocacy for Managers
- Elective units (Choose 24cp from the list below)
- Elective List:
- GSN457 Organisational Communication and Influence
- GSN458 Intercultural Business Communication
- GSN459 Communication Planning for Organisations
- GSN462 Negotiation Strategies
- 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 Principles of Corporate Governance
- GSN473 Corporate Accountability
- Concentration
- Core Units:
- GSN404 Financial Statements Analysis 1
- GSN412 Business Law 1
- Required Units:
- GSN472 Principles of Corporate Governance
- GSN473 Corporate Accountability
- Elective units (Choose 12cp from the list below)
- Elective List:
- GSN405 Strategic Management
- GSN415 Understanding Leadership
- GSN422 Business Law 2
- GSN427 Financial Statement Analysis 2
- GSN480 Sustainable Development and Competitive Advantage
- GSN224 Corporate Philanthropy
- 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
- AYN412 Company Law

Economics

- Minor
- Core Units:
- GSN411 Economics of Strategy 1
- GSN414 Business Conditions Analysis 1
- Required Units:
- GSN421 Economics of Strategy 2
- GSN424 Business Conditions Analysis 2
- Concentration:
- Core Units:
- GSN411 Economics of Strategy 1
- GSN414 Business Conditions Analysis 1
- Required Units:
- GSN421 Economics of Strategy 2
- GSN424 Business Conditions Analysis 2
- Elective units (Choose 12cp from the list below)
- Elective List:
- GSN451 Contemporary Issues in the International Political Economy
- GSN453 Economics of Health & Health Care
- 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.

Electronic Business

- Minor
Core Units:
GSN402 Strategic Use of Information Technology
Required Units:
GSN435 Electronic Commerce
GSN470 E-Business
Elective unit (Choose 6cp unit from the list below)
Concentration
Core Unit:
GSN402 Strategic Use of Information Technology
Required Units:
GSN435 Electronic Commerce
GSN469 Internet Applications
GSN470 E-Business
Elective units (Choose 12cp from the list below)
Elective List:
GSN435 Electronic Commerce
GSN447 Strategic Internet Marketing 1
GSN448 Strategic Internet Marketing 2
GSN454 Economics of Information and E-Commerce
GSN463 Australian E-Communications Policy
GSN464 International E-Communications Policy
GSN465 Advanced Electronic Commerce
GSN466 Technology Infrastructure Management
GSN467 Knowledge Management
GSN468 Public and Commercial Policy in the ICT Sector
GSN469 Internet Applications
GSN470 E-Business
GSN471 E-Publishing
AYN446 The Law of E-Commerce
AYN448 Management of Electronic Business Processes
ITN260 E-Commerce Site Development
ITN272 Information Technology Project Management

Entrepreneurship

- Minor
Core Units:
GSN410 Entrepreneurship
GSN416 Business Plans 1
Required Units:
GSN420 New Venture Strategy
Elective unit (Choose 6cp from the list below)
Elective List:
GSN429 New Venture Marketing
GSN430 New Venture Resourcing
GSN431 New Venture Growth and Transitions
GSN432 New Venture Leadership and HRM
Concentration
Core Units:
GSN410 Entrepreneurship
GSN416 Business Plans 1
Required Units:
GSN420 New Venture Strategy
GSN426 Business Plans 2
Elective units (Choose 12cp from the list below)
GSN429 New Venture Marketing
GSN430 New Venture Resourcing
GSN431 New Venture Growth and Transitions
GSN432 New Venture Leadership and HRM
GSN434 Venture Capital

Health Services Management

- Minor
Core Units:
GSN411 Economics of Strategy 1
Required Units:
GSN453 Economics of Health & Health Care
PUN692 Health Care Delivery Systems
Concentration
Core Units:
GSN411 Economics of Strategy 1
Required Units:
GSN453 Economics of Health & Health Care
PUN692 Health Care Delivery Systems
Elective units (Choose 12cp from the list below)
Elective List:
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2

- LWS006 Health, Ethics And The Law
PUP415 Occupational and Environmental Health
PUN601 Contemporary Health Policies
PUN608 Health Economics
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 12cp from the list below)
Elective list:
GSN419 Organisational Behaviour 2
GSN432 New Venture Leadership and HRM
GSN452 International Human Resource Management
GSN207 Organisational Analysis and Consulting
MGN421 Strategic HRM
MGN422 Contemporary Issues and Practices in Employee Relations

Information Technology Management

- Minor
Core Unit:
GSN402 Strategic Use of Information Technology
Required Units:
GSN470 E-Business
Elective (Choose 12cp from the list below)
Concentration
Core Unit:
GSN402 Strategic Use of Information Technology
Required Unit:
GSN470 E-Business
Elective units (Choose 24cp from the list below)
Elective List:
ITN211 Systems Analysis And Design
ITN215 Management Support Systems
ITN220 Issues In IT Management
ITN252 Process Engineering
ITN255 Knowledge Management
ITN272 Information Technology Project Management
ITN322 Information Resources
ITN330 Information Issues
ITN266 Principles Of Information Management
ITN412 Technology Of Information Systems
ITN510 Data Communications

International Business

- Minor
Core Unit:
GSN401 Managing in the Global Business Environment
Elective (Choose 18cp from the list below)
Concentration
Core Unit:
GSN401 Managing in the Global Business Environment
Elective units (Choose 30cp from the list below)
Elective List:
GSN428 International Study Tour
GSN444 Special Topics 1
GSN451 Contemporary Issues in the International Political Economy
GSN452 International Human Resource Management
GSN458 Intercultural Business Communication
GSN462 Negotiation Strategies
GSN464 International E-Communications Policy
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 unit (Choose 6cp from the list below)
Concentration
Core Units:
GSN407 Business Communication
GSN415 Understanding Leadership
Required Units:
GSN417 Effective Advocacy for Managers
GSN425 Leadership Development
Elective units (Choose 12cp from the list 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
GSN458 Intercultural Business Communication
GSN460 Creative Problem Solving
GSN470 Organisational Analysis and Consulting
GSN480 Sustainable Development and Competitive Advantage

Marketing

Minor
Core Units:
GSN408 Fundamentals of Marketing Management
Required Units:
GSN418 Marketing Strategy Development
Elective unit (Choose 6cp from the list below)
Concentration
Core Units:
GSN408 Fundamentals of Marketing Management
Required Units:
GSN418 Marketing Strategy Development
Elective units (Choose 24cp from the list below)
Elective List:
GSN429 New Venture Marketing
GSN447 Strategic Internet Marketing 1
GSN448 Strategic Internet Marketing 2
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
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 Non-Profit Studies

Minor
Core Units:
GSN224 Corporate Philanthropy
GSN481 Philanthropic and Nonprofit Frameworks of Governance
GSN482 Philanthropic and Nonprofit Economics
Concentration
Core Units:
GSN224 Corporate Philanthropy
GSN481 Philanthropic and Nonprofit Frameworks of Governance
GSN482 Philanthropic and Nonprofit Economics
Elective units (Choose 12cp from the list below)
Elective List:
GSN232 Fundraising Principles
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

Strategy

Minor
Core Units:
GSN405 Strategic Management
GSN411 Economics of Strategy 1

Required Unit:
GSN474 Strategy Planning & Development
Elective unit (Choose 6 cp from list below)
Concentration
Core Units:
GSN405 Strategic Management
GSN411 Economics of Strategy 1
Required Unit:
GSN474 Strategy Planning & Development
Elective units (Choose 18cp from the list below)
Elective List:
GSN207 Organisational Analysis and Consulting
GSN420 New Venture Strategy
GSN421 Economics of Strategy 2
GSN426 Business Plans 2
GSN431 New Venture Growth and Transitions
GSN461 Making Change Work
GSN475 Strategic Analysis

■ **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: Ms Lyn Simpson

Discipline coordinator: Assoc Prof Peter Best (Accounting); Mr Peter Whelan (Banking and Finance)

Course Design

Students are required to select either the Accounting or Banking and Finance Major. Students enrolling in the Accounting major without a knowledge of Australian professional standards and legislation should contact the Subject Area Coordinator to devise a suitable study program prior to enrolment.

Accounting Major:

Students must complete 12 units (144 credit points), including a minimum of 10 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 eight units are to be selected from List 2, and this may include up to a maximum of 48 credit points in project/dissertation units. 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.

Banking and Finance Major:

Students are required to complete twelve coursework units, or a combination of coursework and research units (incorporating a maximum of 24 credit points in research projects, in one of two structures BSN404 Project 1 and/or BSN405 Project 2 [12 credit points each] OR BSN409 Research Project [24 credit points]). A minimum of ten units (120 credit points) must be selected from List 4. Up to two 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.

Professional Recognition

Graduates of the Banking and Finance Major may meet the educational requirements for the professional level membership of the FTA-CFTA (the Finance and Treasury Association Ltd., Certified Finance & Treasury Professional). Graduates require a minimum of four finance, treasury, risk management or investment management units (this may include one accounting and taxation and one finance law unit).

Graduates of the Accounting Major may be eligible for two (2) credits in the elective segments of the CPA program. To achieve these credits, students must complete at least four (4) units in either forensic accounting or electronic business as follows:

Forensic Accounting:

- AYN505 Dissecting Financial Statements
- AYN507 Governance Issues in Accounting
- Plus at least two (2) of the following 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, Fraud and Litigation

Electronic Business:

- AYN455 Electronic Business Foundations and Law
- Plus at least three (3) of the following units:
- AYN413 Information Systems Governance and Audit
- AYN449 Enterprise Systems
- AYN453 Electronic Business Intelligence
- ITN233 Enterprise Systems Applications
- ITN252 Process Engineering

Projects

Students who choose to complete one or more projects must comply with the following:

- BSN404 Project 1 and/or BSN405 Project 2
Students who elect to undertake one or both of these 12 credit point project units must identify a supervisor and have a topic approved by the supervisor prior to enrolment in the unit.
- BSN409 Research Project
Students who elect to complete the 24 credit point Research Project must complete either BSN506 Econometric Methods or BSN507 Research Methods as a prerequisite to enrolment in BSN409 Research Project. Students undertaking the Accounting Major must also complete AYN433 Research Topics in Accounting prior to enrolment in BSN409. The project should reflect the application of theoretical analysis or problem solving in Accounting or Banking and Finance. Students are advised to seek a topic, and to approach a supervisor, early in their program and to obtain the instruction guide on project presentation. The project topic proposal must be presented at a seminar to Faculty staff in the semester prior to enrolling in the project. The project will be regarded as the equivalent of six formal contact hours per week (24 credit points). This unit is studied in one semester.

Unit Lists

List 1 - Accounting Core Units

- AYN455 Electronic Business Foundations and Law
- AYN505 Dissecting Financial Statements
- AYN506 Strategic Management Accounting
- AYN507 Governance Issues in Accounting

List 2 - Accounting Elective Units

- Coursework 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, Fraud and Litigation
- AYN449 Enterprise Systems
- AYN453 E-Business Intelligence
- 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.

Note: AYN432 Public Sector Accounting and Governance will not be offered in 2004.

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

- 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

Note: a maximum of 24 credit points for projects may be selected.

■ 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.

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 Caroline Hatcher

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) 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:
 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.

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

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
 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:

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

Elective Units

Students undertake 66 credit points of postgraduate business elective units

Technology Innovation Units

Students 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: Ms Lyn Simpson

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).

The Course Coordinator may allow an elective to be substituted for a core unit of the BS66 Master of International Business (MIB) program if the student has successfully completed the equivalent of at least 24 credit points of prior undergraduate study at an intermediate level or above in that core subject area.

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 that 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 that 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

International Business Practicum

Students choose one of 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 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: Ms Lyn Simpson

Discipline coordinator: Mr Gary Chittick

Course Design

Students must complete 144 credit points of study comprising eight core units (96 credit points), including two and only two

regional study units, and four elective units (48 credit points) or equivalent postgraduate studies approved by the Course Coordinator.

Students are strongly advised to select electives from the same discipline area of study. Students will need to satisfy the prerequisite requirement, if any, of the electives in the discipline areas. Electives may include language, regional studies and project units, with a maximum of twenty-four credit points of project units.

The Course Coordinator may allow an elective to be substituted for a core unit of the (BS65) Master of International Business Studies (MIBS) program if the student has successfully completed the equivalent of at least 24 credit points of prior undergraduate study at an intermediate level or above in that core subject area.

Articulation

Students who have completed no more than 96 credit points of their BS65 Master of International Business Studies (MIBS) may seek approval to articulate into the BS66 Master of International Business and complete the additional core, International Business Practicum* (IBP) and elective units to meet the requirements of the BS66 Master of International Business (MIB). Articulation may require the student to overload or extend the normal duration of the course to meet the requirements of the BS66 program.

* Special pre-requisite conditions apply to enrolment in the International Business Practicum (IBP) and this enrolment is subject to the approval of the Course Coordinator. The IBP will not be available until semester 1, 2004. It is available only to students who have been enrolled for at least the equivalent of two semesters of full-time study in the BS65 Master of International Business Studies and who have given notice at least six months prior to the IBP that they are transferring to the BS66 Master of International Business. Students should seek the advice of the Course Coordinator early in their programs about the eligibility and resource requirements of the IBP before changing course.

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
IBN410 International Logistics Management
MGN423 Contemporary Strategic Analysis
Regional Study Unit
Or
Elective unit

Year 2, Semester 1

IBN409 Negotiating Across Borders
Elective unit
Or
Regional Study Unit
Elective unit
Elective unit

Note that 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

Regional Study Units

Students choose two units from the following:

IBN403 Business in Asia
IBN404 Business in Europe
IBN435 Business in Australia

■ Executive Master of Business Administration (GS50/GS99)

Award title: Master of Business Administration

CRICOS code: N/A

Location: Gardens Point

Course duration (full-time): 20.5 months (intensive mode)

Total credit points: 144

Course coordinator: Dr Caroline Hatcher

Course Design

Students are required to undertake 16 core units of 6 credit points each and a further 48 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.

An intensive on-campus session will be held in the January 2004. The session will be of 11 days duration and involve 64 contact hours. A second intensive session will be held in the last January and will largely comprise an International Study Tour to one or more Asian countries.

Course structure

Core Units

GSN401 Managing in the Global Business Environment
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

Students select Elective Units from the list below:

GSN418 Marketing Strategy Development
GSN425 Leadership Development
GSN445 Special Topics 2
GSN455 Special Topics 3
GSN428 International Study Tour
GSN460 Creative Problem Solving
GSN463 Australian E-Communications Policy
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 GS30 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

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
GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN404 Financial Statements Analysis 1
GSN407 Business Communication
GSN412 Business Law 1
GSN414 Business Conditions Analysis 1
GSN416 Business Plans 1

Required units:

GSN221 Special Topic 1
GSN222 Special Topics 2

Units to be completed at other universities#:

Core Units:

GSN405 Strategic Management
GSN406 Human Resource Management Issues
GSN408 Fundamentals of Marketing Management
GSN409 Organisational Behaviour 1
GSN410 Entrepreneurship
GSN411 Economics of Strategy 1
GSN413 Financial Management 1
GSN415 Understanding Leadership

Elective units:

24cp 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 a partner institution, in order to meet the program requirements.

GSN402 Strategic Use of Information Technology
GSN403 Understanding Data
GSN405 Strategic Management
GSN407 Business Communication

July Entry - Suggested Structure for China and France 6TP4

(July - August) at QUT

GSN401 Managing in the Global Business Environment
GSN407 Business Communication
GSN402 Strategic Use of Information Technology
GSN403 Understanding Data

6TP5 & 6TP6

(Sept - Nov) in France

A program of 36cp equivalent will be chosen from the units offered to include units that effectively substitute for QUT core units and electives.

GSN221 Special Topic 1

6TP1, 6TP2 & 6TP3

(Jan - June) in China

A program of 36cp equivalent will be chosen from the units offered to include units that effectively substitute for QUT core units and electives.

GSN222 Special Topics 2

6TP4

(July - August) at QUT

GSN412 Business Law 1

GSN414 Business Conditions Analysis 1

GSN416 Business Plans 1

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: Ms Lyn Simpson

Discipline coordinator: Assoc Prof Peter Best

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 a 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.

Articulation

The Graduate Diploma in Advanced Accounting articulates fully into the BS94 Master of Commerce. Students seeking to articulate into the Master of Commerce must attain an overall course GPA of at least 5.

Unit Lists

List 1 - Accounting Core Units

AYN455 Electronic Business Foundations and Law

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, Fraud and Litigation

AYN449 Enterprise Systems

AYN453 E-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

■ **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 (full-time): 48

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

Course coordinator: Ms Lyn Simpson

Discipline coordinator: Mr Mark Christensen

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 - AAIBF (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 (AAIBF).

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.

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 Caroline Hatcher

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 course work 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:

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: Ms Lyn Simpson
Discipline coordinator: Mr Gary Chittick

Course Design

Students must complete 96 credit points of study comprising six core units (72 credit points), including one regional study unit, and two elective units (24 credit points) or equivalent of postgraduate studies, approved by the Course Coordinator.

The Course Coordinator may allow an elective to be substituted for a core unit of the BS64 Graduate Diploma of International Business program if the student has successfully completed the equivalent of at least 24 credit points of prior undergraduate study at an intermediate level or above in that core subject area.

Articulation

Students who complete successfully the Graduate Diploma of International Business may seek approval to articulate into the BS65 Master of International Business Studies (MIBS) and complete the additional core and elective units to meet the MIBS course requirements. They may seek approval to articulate into the BS66 Master of International Business (MIB) and to complete the

additional core, International Business Practicum* and elective units to meet the requirements of the BS66 Master of International Business (MIB). Articulation may require the student to overload or extend the normal duration of the course to meet the requirements of the BS65 and BS66 programs.

* Special pre-requisite conditions apply to enrolment in the international business practicum and enrolment is subject to approval of the Course Coordinator. The International Business Practicum (IBP) will not be available until semester 1, 2004. It is available only to students who will have been enrolled for at least the equivalent of two semesters of full-time study in the Graduate Diploma of International Business prior to undertaking the IBP and who have given notice at least six months prior to the IBP that they are transferring to the BS66 Master of International Business. Students should seek the advice of the Course Coordinator early in the program about the eligibility and resource requirements of the IBP before considering changing courses.

Course Structure

Core Units

- Students choose any five of the following units:
- EFN417 An Introduction to International Finance
 - IBN421 Marketing Internationally
 - IBN409 Negotiating Across Borders
 - IBN410 International Logistics Management
 - MGN423 Contemporary Strategic Analysis

Regional Study Units

- Students choose one of the following units:
- IBN403 Business in Asia
 - IBN404 Business in Europe
 - IBN435 Business in Australia

Elective Units

Plus two elective units (24 credit points) or equivalent of postgraduate studies, approved by the Course Coordinator.

Course structure

- Core Unit
- Core Unit
- Regional Study Unit
- Elective unit
- Core Unit
- Core Unit
- Core Unit
- Elective Unit

■ 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: Ms Lyn Simpson
Discipline coordinator: Dr Carol Dalglish

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
And 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

- AMN482 Marketing for the Nonprofit Sector
- GSN224 Corporate Philanthropy
- GSN232 Fundraising Principles
- GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
- GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

Part-time Course Structure

Year 1, Semester 1 / 6TP2 and 6TP3

- GSN481 Philanthropic and Nonprofit Governance and Economics
- GSN482 Ethics and Management for Philanthropic and Nonprofit Organisations
- GSN483 Ethics for Philanthropic & Nonprofit Studies
- GSN484 Management for Philanthropic & Nonprofit Studies

Year 1, Semester 2 / 6TP4 and 6TP5

- AMN482 Marketing for the Nonprofit Sector
- GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
- GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

Year 2, Semester 1

- GSN233 Special Topic in Philanthropy and Nonprofit Studies
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

- GSN232 Fundraising Principles
- GSN224 Corporate Philanthropy

■ 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: Ms Lyn Simpson

Discipline coordinator: Assoc Prof James Everett

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 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 2, 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

- 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.

■ 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.

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 Caroline Ann Hatcher

Course Design

The Graduate Diploma of Business Administration is effectively two-thirds of the Masters of Business Administration (MBA) course and students who complete the Graduate Diploma may be eligible to articulate to the MBA.

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

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

Concentrations and Minors

Students may complete more than one concentration and 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.

Accounting

Minor
 Core Units:
 GSN404 Financial Statements Analysis 1
 Required Units:
 GSN427 Financial Statement Analysis 2
 Elective units (Choose 12cp form the list below)
 Concentration
 Core Units:
 GSN404 Financial Statements Analysis 1
 Required Units:
 GSN427 Financial Statement Analysis 2
 Elective units (Choose 24cp from the list 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 24cp from the list below)
 Concentration
 Elective units (Choose 36cp from the list below)
 Elective List:
 GSN225 Business Development in Creative Industries
 GSN226 Arts Policy and Strategy
 GSN227 Arts and Cultural Management
 GSN228 Marketing Arts and Culture
 GSN232 Fundraising Principles

Business Communication

Minor
 Core Unit:
 GSN407 Business Communication
 Required Unit:
 GSN417 Effective Advocacy for Managers
 Elective units (Choose 12cp from the list below)
 Concentration
 Core Unit:
 GSN407 Business Communication
 Required Unit:
 GSN417 Effective Advocacy for Managers
 Elective units (Choose 24cp from the list below)
 Elective List:
 GSN457 Organisational Communication and Influence
 GSN458 Intercultural Business Communication
 GSN459 Communication Planning for Organisations
 GSN462 Negotiation Strategies
 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 Principles of Corporate Governance
 GSN473 Corporate Accountability
 Concentration
 Core Units:
 GSN404 Financial Statements Analysis 1
 GSN412 Business Law 1
 Required Units:
 GSN472 Principles of Corporate Governance
 GSN473 Corporate Accountability
 Elective units (Choose 12cp from the list 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
 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 Units:
 GSN411 Economics of Strategy 1
 GSN414 Business Conditions Analysis 1
 Required Units:
 GSN421 Economics of Strategy 2
 GSN424 Business Conditions Analysis 2
 Concentration:
 Core Units:
 GSN411 Economics of Strategy 1
 GSN414 Business Conditions Analysis 1
 Required Units:
 GSN421 Economics of Strategy 2
 GSN424 Business Conditions Analysis 2
 Elective units (Choose 12cp from the list below)
 Elective List:
 GSN451 Contemporary Issues in the International Political Economy
 GSN453 Economics of Health & Health Care
 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.

Electronic Business

Minor
 Core Unit:
 GSN402 Strategic Use of Information Technology
 Required Units:
 GSN435 Electronic Commerce
 GSN470 E-Business
 Elective unit (Choose 6cp unit from the list below)
 Concentration
 Core Unit:
 GSN402 Strategic Use of Information Technology
 Required Units:
 GSN435 Electronic Commerce
 GSN469 Internet Applications
 GSN470 E-Business
 Elective units (Choose 12cp from the list below)
 Elective List:
 GSN435 Electronic Commerce
 GSN447 Strategic Internet Marketing 1
 GSN448 Strategic Internet Marketing 2
 GSN454 Economics of Information and E-Commerce
 GSN463 Australian E-Communications Policy
 GSN464 International E-Communications Policy
 GSN465 Advanced Electronic Commerce
 GSN466 Technology Infrastructure Management
 GSN467 Knowledge Management
 GSN468 Public and Commercial Policy in the ICT Sector

GSN469	Internet Applications	PUN601	Contemporary Health Policies
GSN470	E-Business	PUN608	Health Economics
GSN471	E-Publishing	PUN609	Health Care Finance
AYN446	The Law of E-Commerce	PUN610	Health Services Management
AYN448	Management of Electronic Business Processes	PUN615	Advanced Health Service Management
ITN260	E-Commerce Site Development	PUN617	Environmental Health Management
ITN272	Information Technology Project Management		
Entrepreneurship		Human Resource Management	
	Minor		Minor
	Core Units:		Core Units:
GSN410	Entrepreneurship	GSN406	Human Resource Management Issues
GSN416	Business Plans 1	GSN409	Organisational Behaviour 1
	Required Units:		Required Units:
GSN420	New Venture Strategy	MGN427	Human Resource Management Concentration
	Elective unit (Choose 6cp from the list below)		Core Units:
	Elective List:	GSN406	Human Resource Management Issues
GSN429	New Venture Marketing	GSN409	Organisational Behaviour 1
GSN430	New Venture Resourcing		Required Units:
GSN431	New Venture Growth and Transitions	MGN427	Human Resource Management
GSN432	New Venture Leadership and HRM Concentration		Elective units (Choose 12cp from the list below)
	Core Units:		Elective list:
GSN410	Entrepreneurship	GSN419	Organisational Behaviour 2
GSN416	Business Plans 1	GSN432	New Venture Leadership and HRM
	Required Units:	GSN452	International Human Resource Management
GSN420	New Venture Strategy	GSN207	Organisational Analysis and Consulting
GSN426	Business Plans 2	MGN421	Strategic HRM
	Elective units (Choose 12cp from the list below)	MGN422	Contemporary Issues and Practices in Employee Relations
	Elective List:	Information Technology Management	
GSN429	New Venture Marketing		Minor
GSN430	New Venture Resourcing		Core Unit:
GSN431	New Venture Growth and Transitions	GSN402	Strategic Use of Information Technology
GSN432	New Venture Leadership and HRM		Required Units:
GSN434	Venture Capital	GSN470	E-Business
Finance			Elective units (Choose 12cp from the list below)
	Minor		Concentration
	Core Units:		Core Unit:
GSN413	Financial Management 1	GSN402	Strategic Use of Information Technology
GSN414	Business Conditions Analysis 1		Required Unit:
	Required Units:	GSN470	E-Business
GSN423	Financial Management 2		Elective units (Choose 24cp from the list below)
	Elective unit (Choose 6cp from the list below)		Elective List:
	Concentration	ITN211	Systems Analysis And Design
	Core Units:	ITN215	Management Support Systems
GSN413	Financial Management 1	ITN220	Issues In IT Management
GSN414	Business Conditions Analysis 1	ITN252	Process Engineering
	Required Units:	ITN255	Knowledge Management
GSN423	Financial Management 2	ITN272	Information Technology Project Management
	Elective units (Choose 18cp from the list below)	ITN322	Information Resources
	Elective List:	ITN330	Information Issues
GSN424	Business Conditions Analysis 2	ITN266	Principles Of Information Management
GSN430	New Venture Resourcing	ITN412	Technology Of Information Systems
GSN434	Venture Capital	ITN510	Data Communications
GSN451	Contemporary Issues in the International Political Economy	International Business	
EFN412	Advanced Managerial Finance		Minor
EFN414	International Finance		Core Unit:
EFN415	Security Analysis	GSN401	Managing in the Global Business Environment
EFN416	Treasury and Portfolio Management		Elective units (Choose 18cp from the list below)
EFN417	An Introduction to International Finance		Concentration
EFN506	Advanced International Finance		Core Unit:
Health Services Management		GSN401	Managing in the Global Business Environment
	Minor		Elective units (Choose 30cp from the list below)
	Core Units:		Elective List:
GSN411	Economics of Strategy 1	GSN428	International Study Tour
	Required Units:	GSN444	Special Topics 1
GSN453	Economics of Health & Health Care	GSN451	Contemporary Issues in the International Political Economy
PUN692	Health Care Delivery Systems	GSN452	International Human Resource Management
	Concentration	GSN458	Intercultural Business Communication
	Core Units:	GSN462	Negotiation Strategies
GSN411	Economics of Strategy 1	GSN464	International E-Communications Policy
	Required Units:	AYN424	International Accounting
GSN453	Economics of Health & Health Care	EFN414	International Finance
PUN692	Health Care Delivery Systems	IBN403	Business in Asia
	Elective units (Choose 12cp from the list below)	IBN404	Business in Europe
	Elective List:	IBN421	Marketing Internationally
GSN449	Public Sector and Social Marketing 1	IBN435	Business in Australia
GSN450	Public Sector and Social Marketing 2	IBN409	Negotiating Across Borders
LWS006	Health, Ethics And The Law	IBN410	International Logistics Management
PUP415	Occupational and Environmental Health	MGN404	Managing and Organising Global Firms

Leadership

Minor
Core Units:
GSN407 Business Communication
GSN415 Understanding Leadership
Required Units:
GSN425 Leadership Development
Elective unit (Choose 6cp from the list below)
Concentration
Core Units:
GSN407 Business Communication
GSN415 Understanding Leadership
Required Units:
GSN417 Effective Advocacy for Managers
GSN425 Leadership Development
Elective units (Choose 12cp from the list 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
GSN458 Intercultural Business Communication
GSN460 Creative Problem Solving
GSN207 Organisational Analysis and Consulting
GSN480 Sustainable Development and Competitive Advantage

Marketing

Minor
Core Units:
GSN408 Fundamentals of Marketing Management
Required Units:
GSN418 Marketing Strategy Development
Elective unit (Choose 6cp from the list below)
Concentration
Core Units:
GSN408 Fundamentals of Marketing Management
Required Units:
GSN418 Marketing Strategy Development
Elective units (Choose 24cp from the list below)
Elective List:
GSN429 New Venture Marketing
GSN447 Strategic Internet Marketing 1
GSN448 Strategic Internet Marketing 2
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
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 Non-Profit Studies

Minor
Required Units:
GSN224 Corporate Philanthropy
GSN481 Philanthropic and Nonprofit Frameworks of Governance
GSN482 Philanthropic and Nonprofit Economics
Required Units
Concentration
GSN224 Corporate Philanthropy
GSN481 Philanthropic and Nonprofit Frameworks of Governance
GSN482 Philanthropic and Nonprofit Economics
Elective unit (Choose 12cp from the list below)
Elective List:
GSN232 Fundraising Principles
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

Strategy

Minor
Core Units:
GSN405 Strategic Management
GSN411 Economics of Strategy 1
Required Unit:
GSN474 Strategy Planning and Development

Elective unit (Choose 6 cp from the list below)
Concentration
GSN405 Strategic Management
GSN411 Economics of Strategy 1
Required Unit:
GSN474 Strategy Planning and Development
Elective units (Choose 18cp from the list below)
Elective List:
GSN420 New Venture Strategy
GSN421 Economics of Strategy 2
GSN426 Business Plans 2
GSN431 New Venture Growth and Transitions
GSN461 Making Change Work
GSN475 Strategic Analysis
GSN207 Organisational Analysis and Consulting

■ 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: Ms Lyn Simpson

Articulation

With the 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 are required to meet the entry requirements and/or the prerequisites for further study:

- BS96 Graduate Diploma in Applied Finance or BS98 Master of Applied Finance - for students completing the Graduate Certificate in Business (Finance).
- 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) or BS72 Graduate Diploma in 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).
- For students completing the Graduate Certificate in Business (International Business) - Please consult the School of International Business.
- BS93 Master of Business (Philanthropy & Nonprofit Studies) or BS95 Graduate Diploma in 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).
- BS94 Master of Commerce or BS70 Graduate Diploma in Advanced Accounting - for students completing the Graduate Certificate in Business (Professional Accounting).
- IF02 Graduate Diploma in Creative Industries (Arts & Cultural Management) - for students completing the Graduate Certificate in Business (Arts & Cultural Management).
- BS98 Master of Applied Finance - for students completing the Graduate Certificate in Business (Finance).

- In addition, the Graduate Certificate in Business may articulate to GS30 Master of Business Administration (MBA) or GS31 Graduate Diploma in Business Administration, provided students have a minimum of two years' relevant work experience.

Course Design

Graduate Certificates consist of 48 credit points of units. Students must complete one specialisation consisting of four units.

Course Structure

Advertising

- AMN400 Consumer Behaviour
- AMN420 Advertising Management
- AMN421 Contemporary Issues in Advertising
Elective unit

Arts and Cultural Management

- GSN226 Arts Policy and Strategy
- GSN227 Arts and Cultural Management
- GSN228 Marketing Arts and Culture
Approved Elective unit
- GSN232 Fundraising Principles
- GSN225 Business Development in Creative Industries

Finance

- EFN406 Managerial Finance
Plus any three of the following units:
- 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

Human Resource Management

- Any four of the following units:
- 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

Integrated Marketing Communication

- 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

- IBN408 Global Business Operations
Plus one unit from:
- IBN403 Business in Asia
- IBN404 Business in Europe
- IBN435 Business in Australia
Plus any two of the following units:
- IBN409 Negotiating Across Borders
- IBN410 International Logistics Management
- IBN421 Marketing Internationally
- EFN417 An Introduction to International Finance
- MGN424 International Dimensions of HRM

Marketing

- AMN400 Consumer Behaviour
- AMN403 Marketing and Survey Research
- AMN442 Marketing Management
Elective unit

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
- GSN485 Legal Issues for Philanthropic and Nonprofit Organisations
- GSN486 Accounting Issues for Philanthropic & Nonprofit Organisations

- Plus one of the following units:
- AMN482 Marketing for the Nonprofit Sector
- GSN232 Fundraising Principles
- Professional Accounting**
- 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

Public Management

- 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
- MGN516 Policy Analysis
- MGN517 Program Management and Evaluation
- MGN524 Special Topic in Management 1
Or other units approved by the Course Coordinator

Public Relations

- AMN461 Corporate Media Strategy and Tactics
- AMN465 Public Relations Management
- AMN46x Public Relations Elective unit
Elective unit

■ 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.

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 Caroline Hatcher

Course Design

Students must complete 8 core units of 6 credit points each. 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 can either enrol directly into the Graduate Certificate in Business Administration, or take it as an exit award from the Graduate Diploma in Business Administration or MBA, as the Graduate Certificate articulates into both of these courses.

Course structure

Select 8 units from the following list:

- GSN401 Managing in the Global Business Environment
- 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

■ 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.

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 Caroline Hatcher

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

GSN460 Creative Problem Solving

■ 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 part-time.

Total credit points: 48

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

Course coordinator: Ms Claire Gardiner

Course Design

Students must complete four prescribed units (48 credit points)

Articulation with Masters Programs

Students who graduate from the Graduate Certificate in Human Resource Management and Development and have a minimum of 2 years work experience in a related field may articulate into the Masters of Business (HRM).

Part-time Course Structure

Semester 1

MGN412 People in Organisations

MGN427 Human Resource Management

Semester 2

MGN409 Introduction to Management

MGN410 Labour-Management Relations

■ Graduate Certificate in Management (GS43)

Award title: Graduate Certificate in Management

CRICOS code: 012664E

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: Dr Caroline Hatcher

Course Design

To attain a general Graduate Certificate in Management students must complete any 48 credit points from the Master of Business Administration (GS30) 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:

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

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

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

GSN459 Communication Planning for Organisations

GSN458 Intercultural Business Communication

GSN462 Negotiation Strategies

Elective unit (Choose 12cp from the list below)

Elective List:

GSN415 Understanding Leadership

GSN461 Making Change Work

GSN402 Strategic Use of Information Technology

GSN455 Special Topics 3

Corporate Governance

Required Units:

GSN404 Financial Statements Analysis 1

GSN427 Financial Statement Analysis 2

GSN412 Business Law 1

- GSN422 Business Law 2
 GSN472 Principles of Corporate Governance
 GSN473 Corporate Accountability
 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
 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

Electronic Business

- Required Units:
 GSN402 Strategic Use of Information Technology
 GSN435 Electronic Commerce
 GSN465 Advanced Electronic Commerce
 GSN467 Knowledge Management
 GSN469 Internet Applications
 GSN470 E-Business
 Elective units (Choose 12cp from the list below)
 Elective List:
 GSN463 Australian E-Communications Policy
 GSN464 International E-Communications Policy
 GSN466 Technology Infrastructure Management
 GSN468 Public and Commercial Policy in the ICT Sector
 GSN471 E-Publishing
 GSN447 Strategic Internet Marketing 1
 GSN448 Strategic Internet Marketing 2
 GSN454 Economics of Information and E-Commerce
 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
 GSN418 Marketing Strategy Development
 GSN429 New Venture Marketing
 GSN449 Public Sector and Social Marketing 1
 GSN450 Public Sector and Social Marketing 2
 GSN447 Strategic Internet Marketing 1
 GSN448 Strategic Internet Marketing 2
 Elective unit (Choose 12cp from the list below only if credit has been granted for basic Marketing units)
 Elective List:
 GSN223 Applied Research Project B

Leadership

- Required Units:
 GSN409 Organisational Behaviour 1
 GSN419 Organisational Behaviour 2
 GSN407 Business Communication
 GSN415 Understanding Leadership
 GSN417 Effective Advocacy for Managers
 GSN425 Leadership Development
 Elective units (Choose 12cp from the list below)
 Elective List:
 GSN456 Personal Development and Ethics for Managers
 GSN462 Negotiation Strategies
 GSN461 Making Change Work
 Leadership Project

Strategy

- Required Units:
 GSN402 Strategic Use of Information Technology
 GSN405 Strategic Management
 GSN411 Economics of Strategy 1
 GSN421 Economics of Strategy 2
 GSN474 Strategy Planning & Development
 GSN475 Strategic Analysis
 Elective units (Choose 12cp from the list below)
 Elective List:
 GSN410 Entrepreneurship
 GSN420 New Venture Strategy
 GSN226 Arts Policy and Strategy
 GSN207 Organisational Analysis and Consulting

■ **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: Prof Neal Ryan

Discipline coordinator: Dr Conor O'Leary (Accountancy); Assoc Prof Jim Everett (Advertising, Marketing & Public Relations); Mr Peter Whelan (Economics and Banking and Finance); Prof Mark Griffin (Management and Human Resource Management); Prof Gordon Boyce (International Business)

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 three prescribed units (36 credit points), one elective (12 credit points), and a dissertation (48 credit points).

Compulsory Core Unit

- BSN507 Research Methods
 Two of the following Accountancy units
 AYN505 Dissecting Financial Statements
 AYN506 Strategic Management Accounting
 AYN507 Governance Issues in Accounting
 Elective unit (An approved 12 credit point postgraduate unit offered by the School of Accountancy or other postgraduate unit, subject to the approval of the Subject Area Coordinator).
 BSN501 Dissertation
 Whilst enrolled in part one of the Dissertation (BSN501-1) students are required to present a seminar detailing their research proposal.

Advertising

Students must complete two prescribed units (24 credit points), two electives (24 credit points), and a dissertation (48 credit points).

Compulsory Core Units (Select two units):

- AMN403 Marketing and Survey Research
 BSN502 Research Methodology
 BSN503 Research Seminar
 BSN412 Qualitative Research and Analytical Techniques
 Elective unit (The elective units for this Honours program 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).
 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).

Compulsory Core Unit:

- BSN506 Econometric Methods
 Banking and Finance Units:
 EFN504 Finance Honours
 EFN505 Financial Risk Management
 Elective unit (The elective unit for this Honours program 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).
 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).

Compulsory Core Unit:

BSN506 Econometric Methods

Economics Units:

EFN500 Contemporary Macroeconomic Theories

EFN502 Developments in Microeconomic Theories

Elective unit (The elective unit for this Honours program 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).

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 compulsory units (48 credit points) and a dissertation (48 credit points)

Compulsory Core Units:

BSN502 Research Methodology

BSN503 Research Seminar

Human Resource Management:

MGN506 Contemporary Issues in HRM

MGN508 HRM Cases

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).

Compulsory Core Units:

BSN502 Research Methodology

BSN503 Research Seminar

The elective units for this Honours program 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.

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)

Compulsory Core Units:

BSN502 Research Methodology

BSN503 Research Seminar

Management Units:

MGN501 Readings in Management

MGN507 Contemporary Issues in Management

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).

AMN403 Marketing and Survey Research

BSN502 Research Methodology

BSN503 Research Seminar

BSN412 Qualitative Research and Analytical Techniques

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).

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).

Compulsory Core Units:

Select two units:

BSN502 Research Methodology

AMN403 Marketing and Survey Research

BSN503 Research Seminar

BSN412 Qualitative Research and Analytical Techniques

Elective units (The elective units for this Honours program 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).

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 - Course Notes (BS56)

Course Design

Students commencing the Bachelor of Business must complete 24 units of equal weighting totalling 288 credit points, comprised of:

- (a) eight Faculty Core units (refer to A below)
- (b) one block of six Major Core units (refer to B below)
- (c) one of the following:
 - (i) Double Major (six units); or
 - (ii) Extended Major (six units); or
 - (iii) Specialisation (six units).
- (d) 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 Business Information Analysis & Communication
- 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

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
- OR
- 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.
- Language (LGS) for Business students with 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 IBB205 Cross Cultural Communication and Negotiation and an International Business elective unit; or two additional language units.

Definitions

Double Major: a second major core (six units) chosen from above. Six units must be completed for a double major. An alternative double major option unit must be substituted when a unit is common to both majors, or a unit that is incompatible has already been completed. 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 major core. A list of possible extended majors is provided later, 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 below). Six units must be completed for a specialisation. An alternative specialisation option unit must be substituted when a unit is common to the major and specialisation, or a unit that is incompatible has already been completed. 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 (Accountancy) (BS56)

Award title: Bachelor of Business (Accountancy)

CRICOS code: 003491G

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: 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 Membership

Students completing the Bachelor of Business (Accountancy) degree with an extended major in either Professional Accounting or Business Law and Tax 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). These programs are also accredited with the Institute of Chartered Secretaries and Administrators, Chartered Secretaries Australia and 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.

Please 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

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 Business Information Analysis and Communication
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 Business Information Analysis and Communication

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/Specialisation Unit
Elective unit

Year 6, Semester 1

Double Major / Extended Major / Specialisation Unit
Elective unit

Year 6, Semester 2

Elective unit
Elective unit

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 Business Information Analysis and Communication
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 Business Information Analysis and Communication

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 Business Information Analysis and Communication
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
Extended Major unit

Year 3, Semester 2

AYB311 Financial Accounting Issues
Extended Major unit
Extended Major unit
Extended Major unit

Extended Major Units

Students are required to select four units from the following:

AYB122 Goods and Services Tax
AYB305 Company Law and Practice
AYB312 Financial Institutions Law
AYB323 Tax Planning
AYB328 Taxation Law 2

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 Business Information Analysis and Communication

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
Extended Major unit

Year 6, Semester 1

AYB311 Financial Accounting Issues
Extended Major unit

Year 6, Semester 2

Extended Major unit
Extended Major unit

Extended Major Units

Students are required to select four units from the following:

AYB122 Goods and Services Tax
AYB305 Company Law and Practice
AYB312 Financial Institutions Law
AYB323 Tax Planning
AYB328 Taxation Law 2

■ Bachelor of Business (Advertising) (BS56)

Award title: Bachelor of Business (Advertising)

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

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 Membership

The Bachelor of Business with a major in Advertising is recognised by various professional bodies such as: the Advertising Federation of Australia, the Australian Association of National Advertisers and the Australian Direct Marketing Association.

Full-time Course Structure

Year 1, Semester 1

BSB114 Government, Business and Society
BSB119 International and Electronic Business
BSB122 Business Information Analysis and Communication
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 Business Information Analysis and Communication
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

AMB222 Media Planning
Double Major/Extended Major/Specialisation unit

Year 3, Semester 2

AMB221 Advertising Copywriting
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 Business Information Analysis and Communication
BSB126 Marketing

Year 1, Semester 2

AMB200 Consumer Behaviour
AMB220 Advertising Theory and Practice
BSB115 Management, People and Organisations
AMB230 Internet Promotion

Year 2, Semester 1

AMB222 Media Planning
BSB110 Accounting
Extended Major Unit*
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 Business Information Analysis and Communication
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

AMB330 Advertising Strategy and Planning
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

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: Mr Scott McCarthy

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 Membership

Students completing the Bachelor of Business (Banking and Finance) degree with an extended major in either Banking or Funds Management are recognised as satisfying the academic requirements for Senior Associate membership of the Australasian Institute of Banking and Finance (AIBF). If the units AYB305 Company Law & Practice, AYB223 Law of Business Associations and EFB308 Finance 3 are included as electives, students will satisfy the academic requirements for membership of Chartered Secretaries Australia.

Students completing the Bachelor of Business (Banking & Finance) with a double major in Accountancy, with appropriate elective choices and unit substitutions, may be recognised as satisfying the academic requirements for either Associate membership of CPA Australia and enrolment in the CPA examinations as well as Senior Associate Membership of the Australasian Institute of Banking and Finance, or Associate membership of CPA Australia and enrolment in the CPA examinations and the CA examinations of the Institute of Chartered Accountants in Australia. We have designed these

courses to maximise students ability to meet professional requirements, however students may be required to undertake further units with professional bodies.

Students completing the Bachelor of Business (Banking & Finance) with a double major in Economics (including EFB308 Finance 3 and EFB318 Portfolio & Security Analysis as substitute major core units; OR EFB311 Financial Institutions - Lending and EFB310 Financial Institutions - Control as substitute major core units with AYB312 Financial Institutions Law as an elective unit) can expect to gain admission to Senior Associate Membership of the Australasian Institute of Banking and Finance (AIBF) as well as professional membership of the Economic Society of Australia (Qld).

Course Combinations

The School of Economics and Finance recommends the following course combinations which provide excellent professional recognition and career opportunities:

The extended major in Banking and Funds Management builds on the corporate and institutional finance studied in the major. The extended majors provide the opportunity for in-depth, comprehensive study of banking, funds management and/or risk management. Four electives are available for another area of study.

The extended major in Financial Economics provides an excellent foundation for a career either as a strategy analyst in the financial sector or as a policy adviser with the various federal and state level financial regulatory associated authorities.

The Bachelor of Business (Banking and Finance) with a double major in Accountancy provides the opportunity for professional membership in both disciplines. The Banking and Finance major is enhanced by additional accountancy studies. These graduates are in high demand for a wide range of career opportunities.

The Bachelor of Business (Banking and Finance) with a double major in Economics provides the opportunity for professional membership in both disciplines, offering a wide range of career opportunities, particularly in the economic and financial forecasting functions within the financial and government sectors.

Note: Enrolment in the unit EFB326 Applied Portfolio Management is restricted to students undertaking the Financial Economics specialisation (FES) and the following extended majors: Banking (BFX); Financial Economics (FEX); and Funds Management (FDX).

Full-time Course Structure

Year 1, Semester 1

BSB119 International and Electronic Business
BSB113 Economics
BSB122 Business Information Analysis and Communication
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 and Economics

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

BSB114 Government, Business and Society
BSB126 Marketing

Year 2, Semester 2

BSB110 Accounting
BSB122 Business Information Analysis and Communication

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 and Economics
Double Major/Extended Major/Specialisation Unit

Full-time Extended Major in Banking

Year 1, Semester 1

BSB113 Economics
BSB119 International and Electronic Business
BSB122 Business Information Analysis and Communication
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
Extended Major unit
Elective unit

Year 3, Semester 1

AYB312 Financial Institutions Law
EFB201 Financial Markets
EFB311 Financial Institutions - Lending
Extended Major unit

Year 3, Semester 2

EFB310 Financial Institutions - Control
EFB312 International Finance and Economics
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 Business Information Analysis and Communication

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

Year 6, Semester 1

AYB312 Financial Institutions Law
Elective unit

Year 6, Semester 2

EFB310 Financial Institutions - Control
EFB312 International Finance and Economics

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 Business Information Analysis and Communication
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 and Economics
EFB326 Applied Portfolio Management
Elective unit
Elective unit

Financial Economics Extended Major

Choose one from the following:

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 Business Information Analysis and Communication

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

Elective unit
Elective unit

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 and Economics
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 Business Information Analysis and Communication
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 and Economics
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 Business Information Analysis and Communication

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 and Economics
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

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: Mr Eugene McCann

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 Membership

This degree satisfies the academic requirements for ordinary membership of the Economic Society of Australia.

Students completing the Bachelor of Business (Economics) with a double degree in Banking Finance will qualify for ordinary membership of the Economic Society of Australia and professional membership of the Queensland Division of the Economic Society of Australia. Students may also qualify for Senior Associate membership of the Australasian Institute of Banking and Finance (AIBF), by either (a) including EFB311 Financial Institutions - Lending and EFB310 Financial Institutions - Control as substitute major core units with AYB312 Financial Institutions Law as an elective, OR (b) including EFB308 Finance 3 and EFB318 Portfolio & Security Analysis as substitute major core units.

Course Combinations

The School of Economics and Finance recommends the following course combination which provides excellent professional membership and career opportunities:

The Bachelor of Business (Economics) with an extended major in Financial Economics provides an excellent foundation for a career either as a strategy analyst in the financial sector or as a policy advisor with the various federal and state level financial regulatory associated authorities.

The Bachelor of Business (Economics) with a double major in Banking and Finance provides the opportunity for professional membership in both disciplines, offering a wide range of career opportunities, particularly in the economic and financial forecasting functions within the financial and government sectors.

Full-time Course structure

Year 1, Semester 1

BSB119 International and Electronic Business
BSB113 Economics
BSB122 Business Information Analysis and Communication
BSB126 Marketing

Year 1, Semester 2

BSB110 Accounting
EFB101 Data Analysis for Business
BSB115 Management, People and Organisations
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 Business Information Analysis and Communication
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
 BSB117 Professional Communication and Negotiation
 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

Course structure - Extended Major in Financial Economics

Year 1, Semester 1
 BSB113 Economics
 BSB119 International and Electronic Business
 BSB122 Business Information Analysis and Communication
 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
 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
 Elective
Year 3, Semester 2
 EFB326 Applied Portfolio Management
 Financial Economics Extended Major Unit
 Elective
 Elective
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 Business Information Analysis and Communication
 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
 Elective
Year 6, Semester 2
 Elective
 Elective
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
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: A/Prof Peter Best

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 Membership

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. (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).

Course Design

The Electronic Business major can only be studied in combination with another business major (ie there are no extended majors in Electronic Business and this major can not be taken with a business or interfaculty specialisation).

Course structure - Full-time

Year 1, Semester 1
 BSB111 Business Law and Ethics

BSB119 International and Electronic Business
 BSB122 Business Information Analysis and Communication
 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
 Elective*

Year 2, Semester 2

BSB213 Legal Issues in Electronic Business
 Double major unit
 Double major unit
 Elective*

Year 3, Semester 1

MGB334 Managing in a Changing Environment
 Double major unit
 Double major unit
 Elective*

Year 3, Semester 2

BSB314 E-Business Intelligence
 Double major unit
 Elective*
 Elective*

*Of the five electives, one of these relates to the Electronic Business major and must be taken from the list of Electronic Business elective units.

Course structure - Part-time

Year 1, Semester 1

BSB111 Business Law and Ethics
 BSB119 International and Electronic Business

Year 1, Semester 2

BSB122 Business Information Analysis and Communication
 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
 Elective*

Year 4, Semester 1

Double Major Unit
 Elective*

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*

Year 6, Semester 2

Elective*
 Elective*

* Of the five electives, one of these relates to the Electronic Business major and must be taken from the list of Electronic Business elective units.

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

ITB114 Networking Systems
 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 Kate Hutchings

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, International Business, Management, Marketing, and Public Relations.

Professional Membership

This major satisfies the academic requirements for membership of the Australian Human Resources Institute, the Australian Institute of Management and the Australian Institute of Training and Development.

Full-time Course Structure

Year 1, Semester 1

BSB115 Management, People and Organisations
 BSB119 International and Electronic Business
 BSB122 Business Information Analysis and Communication
 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 Business Information Analysis and Communication

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 Business Information Analysis and Communication
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 Business Information Analysis and Communication

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

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: Mr Thomas Cronk

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 Membership

Students may be eligible for membership of associations, such as the Australian Institute of Export (Qld) Ltd and the Economic Society of Australia, depending on their choice of units.

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 Business Information Analysis and Communication
- IBB202 Business and the World Economy
- IBB211 Globalisation and Business

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

Year 3, Semester 2

- IBB300 International Business Strategy
Double Major/Extended Major/ Specialisation Unit
- Elective unit
- Elective unit

Students must select one of the following pairs of area study units:

- IBB217 Asian Business Development
- IBB317 Contemporary Business in Asia
- Or
- IBB208 European Business Development
- IBB308 Contemporary Business in Europe

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 Business and the World Economy
- IBB211 Globalisation and Business

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 Business Information Analysis and Communication
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

Students must select one of the following pairs of area study units:

- IBB217 Asian Business Development
- IBB317 Contemporary Business in Asia

OR

- IBB208 European Business Development
- IBB308 Contemporary Business in Europe

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 Business Information Analysis and Communication
- IBB202 Business and the World Economy
- IBB211 Globalisation and Business

Year 2, Semester 1

- BSB110 Accounting
- BSB111 Business Law and Ethics
- IBB210 Export Management
Area Study 1

Year 2, Semester 2

- IBB213 International Marketing
Area Study 2
- Extended Major unit
- Elective unit

Year 3, Semester 1

- IBB304 Global Industry Analysis
Extended Major unit
- Extended Major unit
- Elective unit

Year 3, Semester 2

- IBB300 International Business Strategy
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
- 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:

- IBB217 Asian Business Development
- IBB317 Contemporary Business in Asia
- OR
- IBB208 European Business Development
- IBB308 Contemporary Business in Europe

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
- IBB202 Business and the World Economy
- IBB211 Globalisation and Business
Language 2

Year 2, Semester 1

- BSB114 Government, Business and Society
- IBB210 Export Management
Area Study 1
Language 3

Year 2, Semester 2

- BSB122 Business Information Analysis and Communication
Area Study 2
Language 4
Elective unit

Year 3, Semester 1

- BSB110 Accounting
- IBB300 International Business Strategy

Elective unit
PLUS ONE OF THE FOLLOWING:
Language 5
OR

IBB205 Cross-Cultural Communication and Negotiation

Year 3, Semester 2

BSB111 Business Law and Ethics

Elective unit
Elective unit
PLUS ONE OF THE FOLLOWING:
Language 6
OR

International Business Elective unit (IBB2xx or IBB3xx)

Area Study Options

Students must select one of the following pairs of area study units:

IBB217 Asian Business Development

IBB317 Contemporary Business in Asia

OR

IBB208 European Business Development

IBB308 Contemporary Business in Europe

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 Extended Major in International Business Analysis

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 Business and the World Economy

IBB211 Globalisation and Business

Year 3, Semester 1

IBB210 Export Management

IBB304 Global Industry Analysis

Year 3, Semester 2

BSB111 Business Law and Ethics

IBB213 International Marketing

Year 4, Semester 1

BSB122 Business Information Analysis and Communication

Extended Major unit

Year 4, Semester 2

IBB300 International Business Strategy

Extended Major unit

Year 5, Semester 1

Area Study 1

Extended Major unit

Year 5, Semester 2

Area Study 2

Elective unit

Year 6, Semester 1

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

IBB312 Special Topic - International Business

IBB322 Independent Study Project - International Business

Area Study Options

Students must select one of the following pairs of area study units:

IBB217 Asian Business Development

IBB317 Contemporary Business in Asia

OR

IBB208 European Business Development

IBB308 Contemporary Business in Europe

Course Structure - Part-time 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 Business Information Analysis and Communication

PLUS ONE OF THE FOLLOWING:

Language 5

OR

IBB205 Cross-Cultural Communication and Negotiation

Year 3, Semester 2

BSB114 Government, Business and Society

IBB211 Globalisation and Business

Year 4, Semester 1

BSB111 Business Law and Ethics

PLUS ONE OF THE FOLLOWING:

Language 6

OR

International Business Elective (IBB2xx, IBB3xx)

Year 4, Semester 2

IBB202 Business and the World Economy

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 select one of the following pairs of area study units:

IBB217 Asian Business Development

IBB317 Contemporary Business in Asia

OR

IBB208 European Business Development

IBB308 Contemporary Business in Europe

■ 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: Prof Robert Waldersee

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 Membership

This major satisfies the academic requirements for membership of the Australian Institute of Management. Membership of other professional associations may also be available depending on the program of study chosen.

Full-time - Course structure

Year 1, Semester 1

- BSB115 Management, People and Organisations
- BSB119 International and Electronic Business
- BSB122 Business Information Analysis and Communication
- 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 Business Information Analysis and Communication

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.

Course structure - Extended Major in Management

Year 1, Semester 1

- BSB115 Management, People and Organisations
- BSB119 International and Electronic Business
- BSB122 Business Information Analysis and Communication
- 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

Year 2, Semester 2

- BSB110 Accounting
- MGB334 Managing in a Changing Environment
- Extended Major Option Unit
- Elective

Year 3, Semester 1

- MGB314 Organisational Consulting and Change
- MGB312 Negotiation Skills
- Extended Major Option Unit
- Elective

Year 3, Semester 2

- BSB111 Business Law and Ethics
- MGB309 Strategic Management
- MGB315 Personal and Professional Development
- Elective

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 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 Business Information Analysis and Communication

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

Year 5, Semester 1

MGB312 Negotiation Skills
Extended Major Option Unit

Year 5, Semester 2

Extended Major Option Unit
Elective

Year 6, Semester 1

MGB309 Strategic Management
MGB315 Personal and Professional Development

Year 6, Semester 2

Elective
Elective

Extended Major Option Units

Students need to complete either:

ITB827 Fundamentals Of Enterprise Systems
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

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 Cathy Neal

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 Membership

Graduates may meet requirements for membership of a number of professional bodies including the Australian Marketing Institute, the Market Research Society of Australia, the Australian Institute of Management, the American Marketing Association and the Australian Institute of Export (Qld) Ltd.

Full-time Course Structure

Year 1, Semester 1

BSB114 Government, Business and Society
BSB119 International and Electronic Business
BSB122 Business Information Analysis and Communication
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 Business Information Analysis and Communication
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 Business Information Analysis and Communication
BSB126 Marketing

Year 1, Semester 2

BSB115 Management, People and Organisations
AMB200 Consumer Behaviour
AMB240 Marketing Planning and Management
Extended Major unit

Year 2, Semester 1

BSB110 Accounting
AMB201 Marketing and Audience Research
Extended Major unit
Extended Major unit

Year 2, Semester 2

AMB241 E-Marketing Strategies

BSB111 Business Law and Ethics
BSB113 Economics
Extended Major unit

Year 3, Semester 1

AMB340 Services Marketing
Extended Major unit
Elective unit
Elective unit

Year 3, Semester 2

AMB341 Strategic Marketing
Extended Major unit
Elective unit
Elective unit

Part-time Extended Major in Marketing

Year 1, Semester 1

BSB122 Business Information Analysis and Communication
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
Extended Major unit*

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

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
Extended Major unit*

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

Marketing Extended Major 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

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 Membership

The Bachelor of Business with a major in public relations has been accredited with the Public Relations Institute of Australia since 1990.

Full-time Course Structure

Year 1, Semester 1

BSB114 Government, Business and Society
BSB119 International and Electronic Business
BSB122 Business Information Analysis and Communication
BSB126 Marketing

Year 1, Semester 2

BSB115 Management, People and Organisations
AMB260 Public Relations Theory and Practice
Double Major/Extended Major/Specialisation unit
Double Major/Extended Major/Specialisation unit

Year 2, Semester 1

BSB110 Accounting
AMB201 Marketing and Audience Research
AMB261 Media Relations and Publicity
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 Business Information Analysis and Communication
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 Business Information Analysis and Communication
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 Business Information Analysis and Communication
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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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:

- Communication Design
- Creative Writing and Cultural Studies
- Dance
- Drama
- Fashion
- Film and Television
- Journalism
- Media Communication
- Music and Sound
- Visual Arts

With common core creative industries studies 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
- inter-faculty Bachelor degrees, the accelerated double degrees with the faculties of Education, Business, Law and information Technology
- a new interdisciplinary Bachelor of Creative Industries

In all cases new technologies are incorporated to enhance the learning experience, and as enablers in writing, design, production and performance.

QUT's Cultural Precinct at the Gardens Point campus, consisting of the main-stage Gardens Theatre and the Arts Museum, provides an ideal professional showcase for many final-year students.

The Creative Industries Faculty's own specialist studio and production facilities include rehearsal and performance spaces, digital edit suites, TV and radio newsrooms, film studios and multimedia production labs. From 2004 the multi-million dollar integrated educational, commercial and residential Creative Industries Precinct at the Kelvin Grove campus will allow students to be part of the creative hub for South-East Queensland.

- 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 in a global market. Industry connections are fostered through mentor schemes, internships, professional practice placements, joint projects and

SENIOR STAFF

Faculty Office

Dean: Professor J. Hartley, BA(Hons) *Wales*, PhD *Murdoch*, D.Litt *Wales*, FRSA

Faculty Administration Manager: E.D. Harding, BA *Qld*

Director Academic Programs and Staffing: Dr Wayne Hindsley, BA, MA, PhD

Acting and Technical Production

Head: Diane Eden, BA *Qld*

Communication Design

Head: G. Sade, BMus

Creative Writing and Cultural Studies

Assoc Prof: P. M. Neilsen, BA(Hons) MA, PhD *Qld*, ASA

Dance

Head: Assoc Prof C.F. Stock, BA(Hons) *Flinders*, PhD *QUT*

Film and Television Production

Discipline Head: Mr J. Hookham, BA (Hons) MA, Dip. ATFM (LIFS)

Journalism

Discipline Head: Michael Bromley, BA(Hons) *CNA*, MA *Yale*

Media Communications

Discipline Head: T. Flew, BEc (Hons) MEd *Sydney*, PhD *Griffith*, GradCertHigherEd *QUT*

Music

Head: Assoc Prof A. Arthurs, BMus - Tonmeister (Hons) *Surrey*

Theatre Studies

Head of Theatre and Teaching Studies: J. Martin, Dip T *Kelvin Grove*, BA PhD *Stockholm*, LTCL

Visual Arts

Head: D. Fitzpatrick, BA(Visual Arts) *Alexander Mackie College of Art, Sydney*, GradDip Prof Art Practice, *City ArtInstitute, Sydney*, Bachelor of Letters with Honours (Philosophy), *Deakin*, MFA (Research), *College of Fine Arts, UNSW*.

RESEARCH CENTRES

Creative Industries Research and Applications Centre

Queensland University of Technology's Creative Industries Research and Applications Centre - CIRAC - focuses on the research and applications needs of the creative industries at the local, state, national and international level. CIRAC is the home for research and innovation development programs for the Creative Industries Faculty.

In 2003 CIRAC offers the new professional doctorate award, a research degree by course work, aimed at candidates with a substantial body of professional practice.

CIRAC aims to:

- 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 to partners from government to micro-business
- develop creative IP for commercialisation, and cutting-edge industry oriented research
- contribute to the development of the Creative Industries Precinct, working with co-locating partners
- establish a research centre in Interaction Design dedicated to R&D leadership in this emergent industry sector.

■ Doctor of Creative Industries (KK49)

Award title: Doctor of Creative Industries

CRICOS code: 046050K

Location: Gardens Point and Kelvin Grove

Course duration (full-time): 6 semesters

Total credit points: 72

Course coordinator: Dr Brad Haseman

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

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:

- a significant creative work such as a theatrical or 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: that 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: that KKN200 has the pre-requisite 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 Communication 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 Communication 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 Communication 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 Communication 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)

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 (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: Angelina Russo
Discipline coordinator: 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 applicants from directly cognate fields of study eg multimedia design, computer graphics and animation.

MCI (Communication Design) - Full-time structure

Semester 1, Year 1
 KIN811 Visual Interactions
 KCP295 Virtual Cultures
 KIN818 Digital Media
 KIN817 Project Management
Semester 2, Year 1
 KCP336 New Media Technologies
 KIN812 Interdisciplinarity for the Creative Industries
 KIN809 Interaction Design
 KIN810 Information Architecture
Semester 1, Year 2
 KIN851/1 Design Project
 KIN851/2 Design Project
 Communication Design Elective
 Communication Design Elective

MCI (Communication Design) - Part-time structure

Semester 1, Year 1
 KIN811 Visual Interactions
 KIN818 Digital Media
Semester 2, Year 1
 KCP336 New Media Technologies
 KIN809 Interaction Design
Semester 1, Year 2
 KCP295 Virtual Cultures
 KIN817 Project Management
Semester 2, Year 2
 KIN810 Information Architecture
 KIN812 Interdisciplinarity for the Creative Industries
Semester 1, Year 3
 KIN851/1 Design Project

KIN851/2 Design Project
Semester 2, Year 3
 Communication Design Elective
 Communication Design Elective

Communication Design Elective List

Semester 1

KIB803 Temporal Media
 KIB816 Interactive Writing
 KIB819 Electronic Publishing

Semester 2

KIB804 3-D Animation 1
 KIB808 Media Technology 2
 KIB821 Mixed Realities

■ Master of Creative Industries (Dance Teaching) (KD42)

Award title: Master of Creative Industries (Dance Teaching)

Location: External

Course duration (full-time): 3 semesters and summer

Course duration (part-time): 6 semesters

Total credit points: 144

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

Course coordinator: Ms Jude Smith

Discipline coordinator: Assoc Prof Cheryl Stock

Course Structure

In the Masters program, students are required to complete ten units, made up on nine core units and one elective unit. Students are required to complete ten units in total. It is recommended that students complete the units The Reflective Practitioner 1 and Professional Practice Project in the final semester/s of the course.

Course structure

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 semester/s of the course.

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
 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
 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
 KDN002 Professional Practice Project

Summer Program

KDP180 Dance Teaching Studies 1
 KDP181 Dance Teaching Studies 2
 KDP180, KDP181 and KKN061 - residency in Brisbane, Australia

■ 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

Total credit points: 144

Course coordinator: Judith McLean

Discipline coordinator: Judith McLean

Full-time Course Structure

Year 1, Semester 1

Choose two of the following CORE units

KTN001 Performing Narratives
 KTN002 Contemporary Performance
 KTN003 Applying Information Technology in the Drama Classroom
 KTN004 Teaching Drama from 1-10
 KTN005 Implementing Drama From 1-10
 Two units taken from List A

Year 1, Semester 2

Choose one of the following CORE units

KTN001 Performing Narratives
 KTN002 Contemporary Performance
 KTN003 Applying Information Technology in the Drama Classroom
 KTN004 Teaching Drama from 1-10
 KTN005 Implementing Drama From 1-10
 Three units taken from List A OR two units from List A and one unit from List B

Year 2, Semester 1

Two units taken from List A OR one unit from List A and one unit from List B

KTN006 Drama Project

Part-time Course Structure

Year 1, Semester 1

Choose one of the following CORE units

KTN001 Performing Narratives
 KTN002 Contemporary Performance
 KTN003 Applying Information Technology in the Drama Classroom
 KTN004 Teaching Drama from 1-10
 KTN005 Implementing Drama From 1-10
 Plus One unit taken from List A

Year 1, Semester 2

Choose one of the following CORE units

KTN001 Performing Narratives
 KTN002 Contemporary Performance
 KTN003 Applying Information Technology in the Drama Classroom
 KTN004 Teaching Drama from 1-10
 KTN005 Implementing Drama From 1-10
 Plus One unit taken from List A

Year 2, Semester 1

Choose one of the following CORE units

KTN001 Performing Narratives
 KTN002 Contemporary Performance
 KTN003 Applying Information Technology in the Drama Classroom
 KTN004 Teaching Drama from 1-10
 KTN005 Implementing Drama From 1-10
 Plus One unit taken from List A

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

KKB057 Independent Study
 KTB061 Arts Management
 KTB214 Process Drama
 KTB252 The Sound Of Theatre

KTB253	Staging Australia
KTB275	Understanding Performance
KTB277	Physical Theatre
KKN020	Approaches to Enquiry in the Creative Industries
KSB278	Technical Theatre
KTB306	Directing For Theatre
KTB310	Studies In Acting 3
KTN200	Dramaturgy
KTB208	Elements Of Drama
KTB056	Professional Studies: Performing Self
KTB062	Arts Events
KTB258	Studies In Acting 2
KTB272	Drama And Community Cultural Development
KTB280	Drama As Social Action
KTB307	Writing For Performance
*KTB208	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
KIN818	Digital Media
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: 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 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: Assoc Prof Cheryl Stock (Dance); Dr Jacqueline Martin (Drama); Assoc Prof Andy Arthurs (Music); Assoc Prof David Hawke (Vis Arts)

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	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.

■ 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

Course coordinator: Assoc Prof Adrian Thomas

Discipline coordinator: Prof Andy Arthurs

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

KMB622	Multi-Instrumental Music A
KMB628	Multi-Instrumental Music B
KMB623	Conducting
KMN615	Advanced Conducting
KMP434	Music Curriculum Studies 1A
KMP433	Music Curriculum Studies 2A
KMB619	Music And Sound Technology
KMN609	Independent Project
KMN601	Music Project 1
KMN602	Music Project 2

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

KMB667	Music and Spirituality
KMB640	Sex, Drugs, Rock N Roll
KMB631	World Music
KMN607	Australian Music Culture
KMB638	Sound And Image

■ 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: Angelina Russo

Discipline coordinator: Angelina Russo

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

Semester 1, Year 1

KIN811 Visual Interactions
KIN818 Digital Media

Semester 2, Year 2

KCP336 New Media Technologies
KIN809 Interaction Design

Summer

KIN817 Project Management

Semester 1, Year 3

KCP295 Virtual Cultures
KIN817 Project Management

Semester 2, Year 3

KIN810 Information Architecture
KIN812 Interdisciplinarity for the Creative Industries

Summer

KIN817 Project Management

■ 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

Total credit points: 96

Course coordinator: Assoc Prof Philip Neilsen

Discipline coordinator: Assoc Prof Philip Neilsen

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: 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)

Location: External

Course duration (full-time): 2 semesters plus Summer

Course duration (part-time): 4 semesters

Total credit points: 96

Course coordinator: Ms Jude Smith

Discipline coordinator: Assoc Prof 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.

Course structure - Full-time

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 or 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 Program

KDP180 Dance Teaching Studies 1

KDP181 Dance Teaching Studies 2

KDP180, KDP181 - residency in Brisbane, Australia

■ 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: Judith McLean; Administrator: Sandra Gattenhof

Discipline coordinator: Judith McLean

Full-time Course Structure

Year 1, Semester 1

Choose two of the following CORE units:

KTN001 Performing Narratives

KTN002 Contemporary Performance

KTN003 Applying Information Technology in the Drama Classroom

KTN004 Teaching Drama from 1-10

KTN005 Implementing Drama From 1-10
Two units taken from List A OR one unit from List A and one unit from List B

Year 1, Semester 2

Choose one of the following CORE units:

- KTN001 Performing Narratives
- KTN002 Contemporary Performance
- KTN003 Applying Information Technology in the Drama Classroom
- KTN004 Teaching Drama from 1-10
- KTN005 Implementing Drama From 1-10

Three units taken from List A OR two units from List A and one unit from List B

Part-time Course Structure

Year 1, Semester 1

Choose two of the following CORE units:

- KTN001 Performing Narratives
- KTN002 Contemporary Performance
- KTN003 Applying Information Technology in the Drama Classroom
- KTN004 Teaching Drama from 1-10
- KTN005 Implementing Drama From 1-10

Year 1, Semester 2

Choose one of the following CORE units:

- KTN001 Performing Narratives
 - KTN002 Contemporary Performance
 - KTN003 Applying Information Technology in the Drama Classroom
 - KTN004 Teaching Drama from 1-10
 - KTN005 Implementing Drama From 1-10
- One unit taken from List A

Year 2, Semester 1

Two units taken from List A OR one unit from List A and one unit from List B

Year 2, Semester 2

Two units taken from List A OR one unit from List A and one unit from List B

List A - Electives

See Master of Creative Industries (Drama Teaching) (KT42) for details.

List B - Electives

See Master of Creative Industries (Drama Teaching) (KT42) for details.

■ 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

Total credit points: 96

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

Course coordinator: Assoc Prof Stephanie Donald

Discipline coordinator: Assoc Prof Stephanie Donald

Course structure - Full-time

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

Course structure - Part-time

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 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

Total credit points: 96

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

Course coordinator: Dr Angela Romano

Discipline coordinator: Prof Michael Bromley

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

- 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

Journalism Elective Units - List B

- KCB213 Strategic Speech Communication
- KCB311 Political Communication
- KCP018 Creative Industries
- KCP110 Global Media and Communication 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
- KPP105 Media Production
- KPP155 Media Production
- 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: 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

KIN817 Project Management
 KIN818 Digital Media

Part-time Course Structure

Semester 1

KIN811 Visual Interactions
 KIN818 Digital Media

Semester 2

KCP336 New Media Technologies

Summer

KIN817 Project Management

■ **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: Assoc Prof Adrian Thomas

Discipline coordinator: Prof Andy Arthurs

Course of Study

Eight 12 credit point units, including KMN609 Independent Project and at least two other KMN units.

Course structure

Pathway: 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

KMB622 Multi-Instrumental Music A
 KMB628 Multi-Instrumental Music B
 KMP434 Music Curriculum Studies 1A
 KMP433 Music Curriculum Studies 2A
 KMB619 Music And Sound Technology
 KMB623 Conducting
 KMN615 Advanced Conducting
 KMN609 Independent Project

Other music units available for selection

KMB640 Sex, Drugs, Rock N Roll
 KMB631 World Music
 KMN607 Australian Music Culture
 KMB638 Sound And Image
 KMB667 Music and Spirituality

■ **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: Angelina Russo

Discipline coordinator: Angelina Russo

Full-time Course Structure

Semester 1, Year 1

KCP295 Virtual Cultures
 KIN811 Visual Interactions

■ **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): Up to 4 semesters

Total credit points: 48

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

Course coordinator: Assoc Prof Philip Neilsen

Discipline coordinator: Assoc Prof Philip Neilsen

Full time structure

Year 1, Semester 1

KWP103 Creative Writing: Novel & Genre
 Plus Select THREE units from:
 KWB350 Creative Writing: 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 Creative 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 structure

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 Jude Smith

Discipline coordinator: Assoc Prof Cheryl Stock

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 structure

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 structure

Select 4 units (2 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.

First Semester

Core Units

- KDP104 Safe Dance Practice
- KDP190 Professional Practice & Business Administration for Dance Teachers

Electives

- KDP105 Dance Analysis and Histories
- KDP189 Dance Assessment & Reporting Procedures
- KDP191 Dance Teaching Methodologies

Second Semester

Core Units

- KDP104 Safe Dance Practice
- KDP190 Professional Practice & Business Administration for Dance Teachers

Electives

- KDP105 Dance Analysis and Histories
- KDP189 Dance Assessment & Reporting Procedures
- KDP191 Dance Teaching Methodologies

Summer Program

- KDP180 Dance Teaching 1 (residency) (elective)

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

Total credit points: 48

Course coordinator: Judith McLean

Discipline coordinator: Judith McLean

Full-time Course Structure

Year 1, Semester 1

Choose two of the following CORE units:

- KTN001 Performing Narratives
 - KTN002 Contemporary Performance
 - KTN003 Applying Information Technology in the Drama Classroom
 - KTN004 Teaching Drama from 1-10
 - KTN005 Implementing Drama From 1-10
- Two units taken from List A

Part-time Course Structure

Year 1, Semester 1

Choose two of the following CORE units:

- KTN001 Performing Narratives
- KTN002 Contemporary Performance
- KTN003 Applying Information Technology in the Drama Classroom
- KTN004 Teaching Drama from 1-10
- KTN005 Implementing Drama From 1-10

Year 1, Semester 2

Two units taken from List A

List A - Electives

See Master of Creative Industries (Drama Teaching) (KT42) for details.

■ 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: Assoc Prof Stephanie Donald

Discipline coordinator: Assoc Prof Stephanie Donald

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): Up to 4 semesters

Total credit points: 48

Course coordinator: Assoc Prof Philip Neilsen

Discipline coordinator: Assoc Prof Philip Neilsen

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 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

Discipline coordinator: Prof Michael Bromley

Full-time Course structure

Year 1, Semester 1

- KJP120 Newswriting
 - 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 Newswriting

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

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

■ 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: Assoc Prof Adrian Thomas

Discipline coordinator: Prof Andy Arthurs

Course of Study

For the Graduate Certificate in Music students complete four 12 credit point units.

Course structure

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*

KMB622 Multi-Instrumental Music A

KMP434 Music Curriculum Studies 1A

KMB623 Conducting

KMB617 Arranging

Pathway: Contemporary Music Studies (choose any four)

KMB640 Sex, Drugs, Rock N Roll

KMB631 World Music

KMN607 Australian Music Culture

KMB638 Sound And Image

KMB667 Music and Spirituality

■ Bachelor of Creative Industries (Honours) (Creative Writing/Media Communication/Communication Design/Dance/Drama/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

Total credit points: 96

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

Course coordinator: Dr Glen Thomas

Discipline coordinator: Assoc Prof Cheryl Stock (Dance); Dr Paul Makeham (Drama); Mr Daniel Mafe (Visual Arts); Dr Christina Spurgeon (Media & Communication); Ms Angelina Russo (Communication Design); Assoc Prof Philip Neilsen (Creative Writing)

Course structure

Year 1, Semester 1

KKN004 Honours Project (1/5)

KKN004 Honours Project (2/5)

KKN020 Approaches to Enquiry in the Creative Industries
One unit from List A*

Year 1, Semester 2

KKN004 Honours Project (3/5)

KKN004 Honours Project (4/5)

KKN004 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 Communication 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

Total credit points: 96

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

Course coordinator: Dr Glen Thomas

Discipline coordinator: Assoc Prof Cheryl Stock (Dance); Mr Daniel Mafe (Visual Arts); Ms Angelina Russo (Communication Design); Assoc Prof Philip Neilsen (Creative Writing); Ms Helen Yeates (Film and Television)

Course structure

Year 1, Semester 1

KKN004 Honours Project (1/5)

KKN004 Honours Project (2/5)

KKN020 Approaches to Enquiry in the Creative Industries
One unit from List A

Year 1, Semester 2

KKN004 Honours Project (3/5)

KKN004 Honours Project (4/5)

KKN004 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 Communication 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

Course structure

Year 1, Semester 1

KKN004 Honours Project (1/5)

KKN004 Honours Project (2/5)

KKN020 Approaches to Enquiry in the Creative Industries
KJP105 Theories Of Journalism

Year 1, Semester 2

KKN004 Honours Project (3/5)

KKN004 Honours Project (4/5)

KKN004 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: Mr Andrew Brown

Course structure

Year 1, Semester 1

KKN004 Honours Project (1/5)
KKN004 Honours Project (2/5)
KKN020 Approaches to Enquiry in the Creative Industries
OR
KIN817 Project Management
Elective

Year 1, Semester 2

KKN004 Honours Project (3/5)
KKN004 Honours Project (4/5)
KKN004 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 Communication 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

Discipline coordinator: Angelina Russo

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

Semester 2, Year 3

KIB056 Professional Studies
KIB817 Project Management
Elective

Elective

NOTE:

Students must enrol in either a submajor plus 2 open electives (OUTSIDE of the Communication Design offering) OR a Minor plus 4 open electives (OUTSIDE the Communication Design offering).

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

Interaction Design Minor

KIB819 Electronic Publishing
KIB815 Inter-facing Media
KIB822 Informational Arts
KIB821 Mixed Realities

Sub-Majors

Arts 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
KIB816 Interactive 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
KIB816 Interactive Writing
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 - choose any 4 to complete submajor; or any 2 to complete minor
KWB315 Persuasive Writing
KWB314 Corporate Writing And Editing
KWB381 Creative Nonfiction: Arts, Humour, Travel
KWB399 The Writing And Publishing Industry
KWB229 Film And Television Scriptwriting
KWB350 Creative Writing: Short Story

Dance (KDN)

Introductory Units - compulsory
KDB125 Deconstructing Dance In History
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

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

Journalism (KJO)

Introductory Units - compulsory

KJB101 Journalism Information Systems

KJB120 Newswriting

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)

KCB213 Strategic Speech Communication

KJB239 Journalism Ethics And Issues

KJB280 International Journalism

Literary and Cultural Studies (KLC)

Introductory Units - compulsory

KWB716 Introduction To Literary Theory And Cultural Studies

KWB710 Ozlit

Advanced Units - both required units plus any 2 to complete submajor; or both required units to complete minor

KWB321 Body Matters (required)

KWB729 Shakespeare, Then and Now (required)

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

KMB667 Music and Spirituality

Advanced Units - choose any 4 to complete submajor; or any 2 to complete minor

KMB649 Introductory Musicianship

KMB650 Introductory Ensemble

KMB631 World Music

KMB619 Music And Sound Technology

KMB621 Sound Recording And Acoustics

KMB638 Sound And Image

Screen Studies (KSC)

Introductory Units - compulsory

KPB130 Media Text Analysis

KPB305 American Film: Genres and Directors
OR

KPB141 Film And Television Language

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 Language

Advanced Units - choose all 4 to complete submajor; or any 2 to complete minor

KPB314 Media Business

KPB155 Media Production

KPB260 Community And Educational Video

KPB371 Advanced Principles of Television

Theatre Studies (KTS)

Introductory Units - compulsory

KTB208 Elements Of Drama

KTB251 20th Century Stages

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 Arts Management

KTB062 Arts Events

KTB257 Studies In Acting 1

KTB258 Studies In Acting 2

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

KCB101 Communication in the New Economy

KCB140 Media And Society: From Printing Press To Internet

KCB295 Virtual Cultures

KCB311 Political Communication

KDB125 Deconstructing Dance In History

KDB172 World Dance

KDX104 Architecture Of The Body

KIB811 Visual Interactions

KIB813 Contemporary Issues In Design and Technology

KIB814 Enabling Immersion

KIB816 Interactive Writing

KJB121 Journalistic Inquiry

KMB631 World Music

KMB638 Sound And Image
 KMB640 Sex, Drugs, Rock N Roll
 KMB650 Introductory Ensemble
 KMB667 Music and Spirituality
 KPB118 Photomedia: Traditions and Techniques
 KPB130 Media Text Analysis
 KPB209 Australian Television
 KPB314 Media Business
 KPB343 Australian Film
 KPB359 Film History
 KSB259 The Performance Instrument: Body And Voice
 KSB278 Technical Theatre
 KTB061 Arts Management
 KTB208 Elements Of Drama
 KTB252 The Sound Of Theatre
 KTB253 Staging Australia
 KTB275 Understanding Performance
 KVB444 Contemporary Asian Visual Culture
 KVB447 Drawing
 KVB457 Sculpture
 KVB509 Photomedia and Artistic Practice
 KVB511 Printmaking
 KVB702 Australian and Indigenous Art
 KVB712 Contemporary Art Issues
 KVB503 Clay Materials
 KWB111 Media Writing
 KWB315 Persuasive Writing
 KWB321 Modern Times: Literature and Culture in the 20th Century
 KWB724 Wonderlands: Literature And Culture In The 19th Century
 KWB250 Introduction To Creative Writing
 KWB350 Creative Writing: Short Story
 KWB381 Creative Nonfiction: Arts, Humour, Travel
 KWB625 American Stories
 KWB716 Introduction To Literary Theory And Cultural Studies

Semester 2
 KCB101 Communication in the New Economy
 KCB204 Globalisation And New Media
 KCB336 New Media Technologies
 KDB106 Dance Analysis
 KDB114 Australian Dance
 KDB176 Popular Dance Styles
 KIB819 Electronic Publishing
 KIB825 Animation Practices
 KJB101 Journalism Information Systems
 KJB120 Newswriting
 KMB638 Sound And Image
 KPB118 Photomedia: Traditions and Techniques
 KPB141 Film And Television Language
 KPB305 American Film: Genres and Directors
 KPB358 Documentary Theory And Practice
 KPB344 International Cinema
 KSB278 Technical Theatre
 KTB056 Professional Studies: Performing Self
 KTB062 Arts Events
 KTB251 20th Century Stages
 KTB271 Studies In Directing
 KVB447 Drawing
 KVB457 Sculpture
 KVB507 Painting
 KVB509 Photomedia and Artistic Practice
 KVB511 Printmaking
 KVB701 Modernism
 KVB703 Video Art And Culture
 KVB704 Theories Of Spatial Culture
 KVB503 Clay Materials
 KWB111 Media Writing
 KWB314 Corporate Writing And Editing
 KWB350 Creative Writing: Short Story
 KWB380 Creative Nonfiction: Life Writing
 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: Ms Donna Brien

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: 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 Creative Writing

KWB381 Creative Nonfiction: Arts, Humour, Travel

Elective

Elective

Year 3, Semester 2

KWB399 The Writing And Publishing Industry

KWB395 Creative Writing Project 1 [12cp]

Elective

Elective

List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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: Assoc Prof 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
 KSB011 Music Theatre Skills
 Elective
 Elective
 Elective

Semester 2, Year 3

Choose four from the following:
 KDB171 Theatre Dance Styles
 KDB159 Dance And Technology 2
 KDB183 Dance Technique Studies 4
 KDB176 Popular Dance Styles
 KSB012 Music Theatre Project
 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

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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: Christine Comans

Discipline coordinator: Judith McLean

Course structure

Year 1, Semester 1

Creative Industries Core Unit
 KTB252 The Sound Of Theatre
 KSB259 The Performance Instrument: Body And Voice
 KTB257 Studies In Acting 1

Year 1, Semester 2

Creative Industries Core Unit
 KTB251 20th Century Stages
 KTB271 Studies In Directing
 KTB273 Performance 1

Year 2, Semester 1

Creative Industries Core Unit
 KTB214 Process Drama
 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 (12cp)
 KKB057 Independent Study
 KTB061 Arts Management
 KTB308 Performance 2
 KTB277 Physical Theatre
 KTB306 Directing for Theatre*
 KTB310 Studies in Acting 3*
 *3rd year students only

Note that KKB057 Independent Study is available only to third year students. Conditions apply - see course coordinator.

BCI (Drama) Electives Semester 2

KKB320 Workplace Learning (12cp)
 KKB057 Independent Study
 KTB056 Professional Studies: Performing Self
 KTB061 Arts Management
 KTB258 Studies In Acting 2
 KTB280 Drama As Social Action
 KTB307 Writing For Performance
 KTB062 Arts Events
 KTB309 Performance 3*
 *3rd year students only

Note that KKB057 is available only to third year students. Conditions apply - see course coordinator.

Sub-Majors

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ Bachelor of Creative Industries (Interdisciplinary) (KK32)

Award title: Bachelor of Creative Industries

CRICOS code: 040297B

Location: Kelvin Grove

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 three course structures.

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 (units each)
- Two elective units

Semester 1, Year 1

- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Sub-Major Three

Semester 2, Year 1

- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Sub-Major Three

Semester 1, Year 2

- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Sub-Major Three

Semester 2, Year 2

- Creative Industries Core Unit - List A
- Sub-Major One
- Sub-Major Two
- Sub-Major Three

Semester 1, Year 3

- Sub-Major One
- Sub-Major Two
- Sub-Major Three
- Elective

Semester 2, Year 3

- 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

Semester 1, Year 1

- Creative Industries Core Unit - List A
- Sub Major One
- Sub Major Two
- Minor

Semester 2, Year 1

- Creative Industries Core Unit - List A
- Sub Major One
- Sub Major Two
- Minor

Semester 1, Year 2

- Creative Industries Core Unit - List A
- Sub Major One
- Sub Major Two
- Elective

Semester 2, Year 2

- Creative Industries Core Unit - List A
- Sub Major One
- Sub Major Two
- Elective

Semester 1, Year 3

- Sub Major One
- Sub Major Two
- Minor
- Elective

Semester 2, Year 3

- Sub Major One
- Sub Major Two
- Minor
- Elective

STRUCTURE THREE

Semester 1, Year 1

- Creative Industries Core Unit - List A
- Sub Major One
- Sub Major Two
- Minor One

Semester 2, Year 1

- Creative Industries Core Unit - List A
- Sub Major One
- Sub Major Two
- Minor Two

Semester 1, Year 2

- Creative Industries Core Unit - List A
- Sub Major One
- Sub Major Two
- Minor One

Semester 2, Year 2

- Creative Industries Core Unit - List A
- Sub Major One
- Sub Major Two
- Minor Two

Semester 1, Year 3

- Sub Major One
- Sub Major Two
- Minor One
- Minor Two

Semester 2, Year 3

- Sub Major One
- Sub Major Two
- Minor One
- Minor Two

List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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

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

Course coordinator: Ms 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

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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

Course coordinator: Dr Alan McKee

Discipline coordinator: Assoc Prof Stephanie Donald

Course structure

Semester 1, Year 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

Semester 2, Year 1

KPB141 Film And Television Language
KPB185 Informational Production
Creative Industries Core Unit
Elective

Semester 1, Year 2

KPB372 Televisual Formats (unit runs over 2 semesters)
KCB349 Media Audiences
Creative Industries Core Unit
Elective

Semester 2, Year 2

KPB372 Televisual Formats (unit runs over 2 semesters)
KPB351 Advanced Principles of Television
OPTIONS - students who have not taken options from Semester 1, Year 1 may do so in semester 2:
KVB509 Photomedia and Artistic Practice
OR
KMB638 Sound And Image
OR
KWB229 Film And Television Scriptwriting
Creative Industries Core Unit

Semester 1, Year 3

KPB275 Television Online

KPB314 Media Business
OR
KPB209 Australian Television
Elective

Semester 2, Year 3

KKB320 Workplace Learning (12cp)
OR
KKB330 Workplace Learning (24cp)
KJB130 Factual Television
Elective (if student chooses 12 credit point Workplace Learning Unit)
Elective

List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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 full-time

Total credit points: 288

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

Discipline coordinator: Assoc Prof 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

KVB741 Studio Art Practice 2
KVB701 Modernism
Creative Industries Core Unit

Year 2, Semester 1

KVB742 Studio Art Practice 3
Creative Industries Core Unit
KVB444 Contemporary Asian Visual Culture

Year 2, Semester 2

KVB703 Video Art And Culture
Creative Industries Core Unit
Visual Arts Elective
Elective

Year 3, Semester 1

Elective
Elective
Elective
Elective

Year 3, Semester 2

Visual Arts Elective
Elective
Elective
Elective

List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Visual Arts Electives

KVB447 Drawing
KVB457 Sculpture
KVB503 Clay Materials
KVP507 Painting (semester two only)
KVB509 Photomedia and Artistic Practice
KVB511 Printmaking

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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

Semester 1, Year 1

KSB202 Acting 1
KSB204 Voice And Movement 1
Creative Industries Core Unit
Elective (see note 1)

Semester 2, Year 1

KSB203 Acting 2
KSB205 Voice And Movement 2
KTB251 20th Century Stages
Creative Industries Core Unit

Semester 1, Year 2

KSB011 Music Theatre Skills
KSB247 Acting 3
KSB233 Voice And Movement 3
Elective (see note 1)

Semester 2, Year 2

KSB012 Music Theatre Project
KSB248 Acting 4
KSB234 Voice And Movement 4
KTB271 Studies In Directing

Semester 1, Year 3

KTB253 Staging Australia
KSB255 Theatre Project 1

Semester 2, Year 3

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

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ Bachelor of Fine Arts (Communication 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: Angelina Russo

Discipline coordinator: Angelina Russo

Pathway 1 - Animation

Year 1, Semester 1

KIB807 Media Technology 1
KVB755 Foundations of Drawing for Animation
Creative Industries Core Unit - List A
Creative Industries Core Unit - List A

Year 1, Semester 2

KVB756 Drawing For Animation 2
KIB808 Media Technology 2
KIB814 Enabling Immersion
KMB626 Music And Sound For Multimedia

Year 2, Semester 1

KIB804 3-D Animation 1
KIB803 Temporal Media
KIB809 Interaction Design
KDX104 Architecture Of The Body

Year 2, Semester 2

KIB820 3-D Animation 2
KIB816 Interactive Writing
KSB202 Acting 1
KIB821 Mixed Realities

Year 3, Semester 1

KIB805 Design Project A
KIB826 3-D Animation 3
KIB813 Contemporary Issues In Design and Technology
Elective

Year 3, Semester 2

KIB806 Design Project B
KIB056 Professional Studies
Elective

Pathway 2 - Interaction 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
KIB814 Enabling Immersion
KMB626 Music And Sound For Multimedia

Year 2, Semester 1

KIB809 Interaction Design
KIB803 Temporal Media
KIB804 3-D Animation 1
KIB816 Interactive Writing

Semester 2, Year 2

KIB810 Information Architecture
KIB815 Inter-facing Media
KIB821 Mixed Realities
PYB057 Applied Cognitive Psychology

Year 3, Semester 1

KIB805 Design Project A
KIB822 Informational Arts
KIB813 Contemporary Issues In Design and Technology
Elective

Year 3, Semester 2

KIB806 Design Project B
KIB056 Professional Studies
Elective

Pathway 3 - Sound Design

Year 1, Semester 1

KIB807 Media Technology 1
KMB619 Music And Sound Technology
KMB657 Music Production 1
Creative Industries Core Unit - List A

Year 1, Semester 2

KIB808 Media Technology 2
KMB626 Music And Sound For Multimedia
KMB658 Music Production 2
Choose one from:

KMB667 Music and Spirituality
KMB648 The Music Scene

Year 2, Semester 1

KIB809 Interaction Design
KMB618 Soundtracks For Film And Television
KMB659 Music Production 3
Choose one from:

KMB631 World Music
KMB640 Sex, Drugs, Rock N Roll

Year 2, Semester 2

KIB815 Inter-facing Media
KMB635 Sound Media Musicianship

KMB660 Music Production 4
Creative Industries Core Unit - List A

Year 3, Semester 1

KMB661-1 Music Production 5 - *subject to approval
KMB618 Soundtracks For Film And Television
Elective

Year 3, Semester 2

KMB661-2 Music Production 5 - *subject to approval
KIB056 Professional Studies
Elective

Creative Industries Core Units - KI25 only

KKB008 Narrative in the Creative Industries
KKB018 Creative Industries
KKB418 Cultures and Creativity
KKB618 Writing For Creative Industries

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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: Ms Donna Brien

Discipline coordinator: Assoc Prof Philip Neilsen

Course structure

Semester 1, Year 1

KWB250 Introduction To Creative Writing
KWB111 Media Writing
Creative Industries Core Unit
Elective

Semester 2, Year 1

KWB350 Creative Writing: Short Story
KWB229 Film And Television Scriptwriting
Creative Industries Core Unit
Elective

Semester 1, Year 2

KWB370 Electronic Creative Writing
KWB381 Creative Nonfiction: Arts, Humour, Travel
Elective
Please select one of the following:
KJB224 Feature Writing
KWB315 Persuasive Writing

Semester 2, Year 2

KWB380 Creative Nonfiction: Life Writing
KWB395 Creative Writing Project 1 [12cp]
Elective
Please select one from the following:
KWB712 Youth and Children's Writing
KWB314 Corporate Writing and Editing

Semester 1, Year 3

KWB382 Editing and Creative Writing [24cp]
Elective
Elective

Semester 2, Year 3

KWB396 Creative Writing Project 2 [36cp]
KWB399 The Writing And Publishing Industry

List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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

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
KDX144-1Choreographic Studies 2

Year 2, Semester 2

KDX142 Performance 4
KDB183 Dance Technique Studies 4
KDX144-2Choreographic 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 (12cp)
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 (12cp)
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

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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: Assoc Prof Suzi Vaughan

Course structure

Semester 1, Year 1

KFB401 Design Studio 1

KVB757 Drawing For Fashion 1 (1/2)
 KFB407-1 Textiles
 Creative Industries Core Unit - List A

Semester 2, Year 1

KFB402 Design Studio 2
 KVB757 Drawing for Fashion 1 (2/2)
 KFB407-2 Textiles

KFB408 Fashion In Context

Semester 1, Year 2

KVB758 Drawing for Fashion 2 (1/2)
 KFB410-1 Research Seminar
 KFB403 Design Studio 3
 Creative Industries Core Unit - See List A

Semester 2, Year 2

KFB404 Design Studio 4
 KVB758 Drawing for Fashion 2 (2/2)
 KFB410-2 Research Seminar
 Elective
 Fashion Elective - choose one from:

KFB411 Advanced Textiles
 KVB759 Fashion Illustration
 KJB339 Fashion and Style Journalism

Semester 1, Year 3

KFB405 Design Studio 5
 KKB320 Workplace Learning (12cp)
 KFB056 Professional Studies (Fashion)
 Elective

Semester 2, Year 3

KFB406 Design Studio 6
 KFB412 Applied Planning
 Fashion Elective - choose one from:

KFB411 Advanced Textiles
 KVB759 Fashion Illustration
 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
 MIB223 Technology And International Business
 Marketing and Retailing
 MIB217 Marketing Management
 MIB229 Retail Marketing

List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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

Course coordinator: Ms Helen Yeates

Discipline coordinator: Assoc Prof Stephanie Donald

Course structure - Production Pathway

Semester 1, Year 1

KWB111 Media Writing
 KPB155 Media Production
 KPB359 Film History
 Creative Industries Core Unit

Semester 2, Year 1

KPB141 Film And Television Language
 KPB185 Informational Production
 KPB305 American Film: Genres and Directors
 OR
 KPB344 International Cinema
 Creative Industries Core Unit

Semester 1, Year 2

KPB190 Creative Production

KPB314 Media Business
 KPB118 Photomedia: Traditions and Techniques

Semester 2, Year 2

KPB265 Corporate Production
 KWB229 Film And Television Scriptwriting
 KPB358 Documentary Theory And Practice

Semester 1, Year 3

KPB360 Documentary Production
 KPB268 Film And Television Drama Practice
 Elective

Semester 2, Year 3

KPB270 Film Drama Production
 Elective

Course structure - Writing for Screen Pathway

Semester 1, Year 1

KWB250 Introduction To Creative Writing
 KWB111 Media Writing
 KPB155 Media Production
 Creative Industries Core Unit

Semester 2, Year 1

KPB185 Informational Production
 KWB350 Creative Writing: Short Story
 Creative Industries Core Unit
 Elective

Semester 1, Year 2

KPB190 Creative Production
 KWB229 Film And Television Scriptwriting
 Elective

Semester 2, Year 2

KPB265 Corporate Production
 KWB380 Creative Nonfiction: Life Writing
 KWB399 The Writing And Publishing Industry

Semester 1, Year 3

KPB268 Film And Television Drama Practice
 KWB370 Electronic Creative Writing
 KPB314 Media Business
 KTB307 Writing For Performance

Semester 2, Year 3

KPB270 Film Drama Production
 KWB395 Creative Writing Project 1 [12cp]
 OR
 KWB712 Youth and Children's Writing

Course structure - Multimedia Pathway

Semester 1, Year 1

KWB111 Media Writing
 KPB155 Media Production
 KIB807 Media Technology 1
 Creative Industries Core Unit

Semester 2, Year 1

KPB185 Informational Production
 KIB808 Media Technology 2
 KIB816 Interactive Writing
 Creative Industries Core Unit

Semester 1, Year 2

KPB190 Creative Production
 KIB809 Interaction Design
 KIB803 Temporal Media

Semester 2, Year 2

KPB358 Documentary Theory And Practice
 KIB804 3-D Animation 1
 KIB810 Information Architecture
 KMB626 Music And Sound For Multimedia

Semester 1, Year 3

KPB360 Documentary Production
 KPB314 Media Business
 KIB805 Design Project A

Semester 2, Year 3

KWB229 Film And Television Scriptwriting
 KIB822 Informational Arts
 Elective
 Elective

List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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 Stages
Creative Industries Core Unit
Elective (see note 1)

Year 2, Semester 1

KSB290 Technical Production 2
KSB293 Stage Management 2
KTB253 Staging Australia
KSB276 Visual Theatre - Design

Year 2, Semester 2

KSB291 Technical Production 3
KTB271 Studies In Directing
KTB061 Arts Management
Elective (see note 1)

Semester 1, Year 3

KSB294 Stage Management 3
KSB255 Theatre Project 1

Semester 2, Year 3

KSB056 Professional Studies
KSB256 Theatre Project 2

NOTES:

1. Students must choose two electives outside the Technical Production Discipline.

List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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

Discipline coordinator: Assoc Prof David Hawke

Course structure - Studio Pathway

Semester 1, Year 1

KVB702 Australian and Indigenous Art
KVB740 Studio Art Practice 1 *
Creative Industries Core Unit

Semester 2, Year 1

KVB701 Modernism
KVB741 Studio Art Practice 2*
Elective

Semester 1, Year 2

KVB742 Studio Art Practice 3
KVB444 Contemporary Asian Visual Culture

Creative Industries Core Unit

Semester 2, Year 2

KVB743 Studio Art Practice 4
KVB703 Video Art And Culture
Elective

Semester 1, Year 3

KVB744 Studio Project 1
KVB712 Contemporary Art Issues
Elective

Semester 2, Year 3

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.

Course structure - Intermedia Pathway

Semester 1, Year 1

KVB740 Studio Art Practice 1*
KMB657 Music Production 1
Creative Industries Core Unit

Semester 2, Year 1

KVB741 Studio Art Practice 2*
KMB658 Music Production 2
KKB818 Introduction To Multimedia Technology

Semester 1, Year 2

KMB659 Music Production 3
KMB621 Sound Recording And Acoustics
Creative Industries Core Unit
Elective

Semester 2, Year 2

KIB808 Media Technology 2
KMB635 Sound Media Musicianship
KMB660 Music Production 4
KVB703 Video Art And Culture

Semester 1, Year 3

KMB661 Music Production 5
KVB712 Contemporary Art Issues
KIB809 Interaction Design

Semester 2, Year 3

KMB661 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.

List A: Creative Industries Core Units

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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: Prof Michael Bromley

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

Semester 1, Year 1

- KJB120 Newswriting
- KJB101 Journalism Information Systems
Creative Industries Core Unit - List A
Elective*

Semester 2, Year 1

- KJB121 Journalistic Inquiry
- KCB213 Strategic Speech Communication
- KKB275 Creative Industries Legal Issues
Creative Industries Core Unit - List A

Semester 1, Year 2

- KPB155 Media Production
- KJB224 Feature Writing
- KJB239 Journalism Ethics And Issues
Creative Industries Core Unit - List A

Semester 2, Year 2

- KJB232 Radio And Television Journalism 1
Creative Industries Core Unit - List A
Elective*
Elective*

Semester 1, Year 3

- KJB322 Desktop Publishing And Editing
- KJB338 Radio And Television Journalism 2
Elective*
Elective*

Semester 2, Year 3

- 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

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Sub-Majors

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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

Course coordinator: Assoc Prof Adrian Thomas

Discipline coordinator: Prof Andy Arthurs

Course Structure

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 Music Musicianship
OR

- KMB636 Cross Cultural Musicianship
Choose one from:

- KMB640 Sex, Drugs, Rock N Roll
- KMB631 World Music
- KMB616 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 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 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 Group Music
- KMB640 Sex, Drugs, Rock N Roll

Year 3, Semester 2

- KMB655 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
- KKB057 Independent Study
- KMB626 Music And Sound For Multimedia
- KMB667 Music and Spirituality
Independent Study requires a GPA of 5 or higher.

NOTES

KMB619 Delivered in intensive mode prior to the start of semester 1.
KMB655 Students who have completed the unit KMB681 Music Project 1 but not its successor, KMB682, should enrol in KMB682, available in both semesters of 2004. You should not enrol in KMB655. 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.

Course Structure

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 Music Musicianship
OR
- KMB636 Cross Cultural Musicianship
Choose one from:

KMB631 World Music
 KMB616 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
 KMB626 Music And Sound For Multimedia
 KMB616 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 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 Group Music
 KMB623 Conducting

Year 3, Semester 2

KMB661 Music Production 5
 Creative Industries or other non-music elective
 Choose one from:

KMB616 Group Music
 KMB056 The Music Industry
 KMB648 The Music Scene
 KKB057 Independent Study
 KMB617 Arranging
 KMB667 Music and Spirituality
 KMB638 Sound And Image
 KMB626 Music And Sound For Multimedia

NOTES:

KMB619 Delivered in intensive mode prior to the start of semester 1.
 KMB655 Students who have completed the unit KMB681 Music Project 1 but not its successor, KMB682, should enrol in KMB682, available in both semesters of 2004. You should not enrol in KMB655.
 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

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ 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: Assoc Prof Cheryl Stock

Associate Degree in Dance

Year 1, Semester 1

KDX111 Performance 1
 KDB180 Dance Technique Studies 1
 KDX104 Architecture Of The Body
 KDB125 Deconstructing Dance In History
 International students have an option to study the following instead of KDB125 Deconstructing Dance in History

QCD110 Communication For Business 1

Year 1, Semester 2

KDX112 Performance 2
 KDB181 Dance Technique Studies 2
 KDX143 Choreographic Studies 1
 KDB106 Dance Analysis

International students have an option to study the following instead of KDB106 Dance Analysis

QCD210 Communication For Business 2

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

Semester 2, Year 2

KDX142 Performance 4
 KDB183 Dance Technique Studies 4
 KDX144-2 Choreographic Studies 2
 KDB221 Integrated Professional Skills

Choose one of the following:

KSB012 Music Theatre Project
 KDB171 Theatre Dance Styles
 Elective

Creative Industries Open Electives

See Bachelor of Creative Industries (Communication Design) (KI32) for details.

■ Advanced Certificate in Dance Teaching (KD06)

Award title: Advanced Certificate in Dance Teaching

Location: External

Course duration (full-time): 2 semesters

Course duration (external): 1 semester full-time; 2 semesters part-time

Total credit points: 96

Course coordinator: Ms Jude Smith

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

KDB189
 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

Second Semester

KDB189 Dance Assessment And Reporting Procedures (*name to be approved)
 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
 KDB196 Dance Teaching Studies 2

■ **Certificate in Dance Teaching (KD05)**

Award title: Certificate in Dance Teaching

Location: External

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: Ms Jude Smith

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

KDB189 Dance Assessment And Reporting Procedures (*name to be approved)

KDB190 Professional Practice And Business Administration For Dance Teachers

KDB191 Dance Teaching Methodologies

KDB197 Dance Analysis And Dance Histories

Second Semester

KDB198 Safe Dance Practice

KDB189 Dance Assessment And Reporting Procedures (*name to be approved)

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 (residency)

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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) *Qld*, 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 *N'cle (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

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 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.

■ 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

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 one of the research centres of the Faculty. You are expected to develop a high level of research skill and analysis and make an original contribution to knowledge and professional practice.

Stage 1: Coursework

The 72 credit points of coursework in Stage 1 will consist of:

- (i) four 12 credit point Master of Education coursework units; and
- (ii) one 24 credit point semester-long unit (EDR703 Interdisciplinary Education Studies [Advanced Seminars]). All candidates do this as their first on-campus summer school.

Note: Students entering the course with an Master of Education degree (or equivalent) should apply for exemption from the four 12 credit point units.

Stage 2: Research

These 216 credit points are the thesis component of the award which contains the following steps:

Thesis Preparation

During the preparation of the thesis, candidates will be required to demonstrate an understanding of the research process. This understanding will include a capacity to critique research literature, to assess research designs and evaluate the appropriateness of research methodologies. This preparation step will involve a 20,000 word maximum. (This work will be the focus of the first winter school and second summer school).

Thesis Confirmation of Candidature

All candidates must prepare and orally present a research proposal. This oral presentation must be accompanied by a 10,000 word paper.

Thesis Implementation

All candidates must design, implement and orally defend a thesis of 60,000 words minimum or equivalent.

Thesis Submission

Completion and oral presentation of a thesis or alternative to a Faculty review panel for approval; production of the thesis in a suitable form for examination.

Provisional Enrolment

With the Dean of Education's approval, students with less qualifications but exemplary professional practice may be given provisional entry.

- (i) A candidate so admitted shall be required to complete the four designated qualifying units at credit level (grade of 5) or better.

- (ii) A candidate who completes course units at a satisfactory level during the period of provisional enrolment will be permitted to count these units towards the degree.
- (iii) Unless the Faculty Academic Board accepts that exceptional circumstances justify extension of provisional status, it must be cleared within one calendar year from enrolment in the course. Such clearance will require submission of a positive recommendation by the Course Coordinator for approval by the Faculty Academic Board. The maximum period of extension of provisional candidature shall be one year.

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 (Study Area A)

CRICOS code: 047454D

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: Dr Donna Berthelsen

Course Structure

The course consists of a total of 96 credit points from studies in coursework, or a combination of coursework and research units from across the following areas of interest: adult and workplace education, behaviour management, career guidance, early childhood education, higher education, information and communication technology, language and literacy education, leadership and management, leading learning and teaching in the middle years, learning support and inclusive education, mathematics education, physical and health education, school guidance and counselling, and science education.

Students are required to obtain a total of 96 credit points from studies in coursework units or from a combination of coursework and research studies. The course core unit Understanding Educational Research must be undertaken in the first semester of enrolment in the course, and either

Option 1

For those students who want their parchment annotated with their chosen area of interest, four units from the chosen area of interest, including the foundation unit for that area of interest, plus three units from anywhere within the course must be completed, or

Option 2

For those students who choose not to have their parchment annotated with their chosen area of interest, seven units must be completed from anywhere within the course.

Course structure

Course Structure Option 1 - Area of Interest

Course Core Unit (this unit must be completed in the first semester of enrolment):

- EDN611 Understanding Educational Research
Select 48 credit points from one area of interest, including the Area of Interest Foundation unit, and 36 credit points from anywhere within the course.

Course Structure Option 2 - no Area of Interest

Course Core Unit (this unit must be completed in the first semester of enrolment):

- EDN611 Understanding Educational Research
Select seven units (84 credit points) from anywhere within the course.

Faculty Units - Individually Supervised Units

Research units

- EDN611 Understanding Educational Research
NOTE EDN611 must be completed in the first semester of enrolment
- EDN612 Conducting Educational Research
Note that students intending to enrol in EDN608 or EDN620 must first have completed both EDN611 and EDN612.
- EDN620 Dissertation
Students enrol in 3 stages EDN620/1 Dissertation (Stage 1), EDN620/2 Dissertation (Stage 2) and EDN620/3 Dissertation (Stage 3)
- EDN608 Project
Students enrol in 2 stages EDN608/1 Project (Stage 1) and EDN608/2 Project (Stage 2)
- EDN603 Independent Study
- EDN602 Advanced Seminars
Students may elect to have EDN603, EDN608 or EDN620 allocated to the chosen area of interest provided the research relates to that area.

Areas of Interest

Adult and Workplace Education

Foundation unit:

- SPN621 Adult And Workplace Education: Principles And Practices
Other units:
- SPN622 Legal Risks Management And Workplace Education
- SPN623 Strategic Workplace Education and the Learning Organisation
- SPN624 Foundations Of Adult Learning And Development
- CLN602 Diversity and Multiliteracies
- CLN604 Globalisation & Educational Change
- CLN601 Cyberlearning: Information & Knowledge in the Digital Age

Behaviour Management

Foundation unit:

- SPN617 Issues In Classroom Management
Other units:
- CLN632 Youth Focussed Behaviour Management And Schools
- SPN615 Educational Intervention For Challenging Behaviour In The Classroom
- SPN616 Behaviour Management: Programs And Planning

Career Guidance

Foundation unit:

- SPN618 Career Development Programs
Other units:
- SPN612 Psychoeducational Assessment
- SPN619 Career Theory
- SPN620 Career Counselling

Early Childhood Education

Foundation unit:

- EAN608 Constructions Of Childhood And Early Education
Other units:
- EAN601 Early Childhood Teachers Knowledge In Action
- EAN602 Leading Early Childhood Services And Policies For Future Generations
- EAN603 Development In Early Childhood Contexts
- EAN604 Young Children, Families And Community
- EAN607 Consultation And Teamwork
- EAN609 Including Children Who Have Disabilities In Early Childhood Programs

Higher Education

Foundation unit:

- EDN626 Learning And Teaching In Higher Education
Other units:
- EDN627 Contexts And Issues In Higher Education
- EDN628 Postgraduate Research Supervision
- EDN629 Presentation And Delivery Modes In Higher Education
- EDN630 Higher Education: Curriculum Design, Assessment And Evaluation
This area is only suitable for people currently working in a higher education institution

Information and Communication Technology

Foundation unit:

- MDN633 Curriculum Studies In Technology Education
Other units:
- CLN603 Designing Spaces for Learning
- MDN619 Technologically Supported Teaching And Learning Environments
- MDN623 Communications Technology In Education
- MDN637 Flexible delivery: pedagogical issues and imperatives
- MDN632 Databases In Educational Context
- CLN601 Cyberlearning: Information & Knowledge in the Digital Age

Language and Literacy Education

Foundation unit:

- CLN609 Language, Literacies And Learning
Other units:
- CLN601 Cyberlearning: Information & Knowledge in the Digital Age
- CLN602 Diversity and Multiliteracies
- CLN625 New Literacies And Technologies
- CLN603 Designing Spaces for Learning
- CLN604 Globalisation & Educational Change
- CLN605 Intercultural Pedagogies: Comparative Perspectives

Leadership and Management

Foundation unit:

- SPN625 Changing Agendas In Leadership
Other units:
- SPN626 Leading And Managing People
- SPN627 Policy Development And Analysis
- SPN628 Leadership For Change
- SPN629 Current Issues In Leadership
- CLN604 Globalisation & Educational Change

Leading Learning and Teaching in the Middle Years

Foundation unit:

- SPN633 Critical Frameworks For Analysing The Middle Years Of Schooling
Other units:
- MDN637 Flexible delivery: pedagogical issues and imperatives
- SPN634 Rethinking Programs And Pedagogies: The Middle Years Of Schooling
- SPN635 Assessment And Reporting In The Middle Years Of Schooling
- CLN602 Diversity and Multiliteracies

Learning Support and Inclusive Education

Foundation unit:

- SPN613 Learners With Special Needs: Programming For Inclusive Education
Other units:
- CLN631 Policies And Practices For Inclusive Education
- EAN607 Consultation And Teamwork
- SPN614 Teaching Students With Learning Difficulties/disabilities
- SPN615 Educational Intervention For Challenging Behaviour In The Classroom

Mathematics Education

Foundation unit:

- MDN624 Contemporary Mathematics Curriculum: Context And Challenge
Other units:
- MDN625 Exploring Students' Mathematical Reasoning
- MDN626 Pedagogy In Mathematics Education
- MDN627 Student Assessment In Mathematics
- MDN636 Understanding Concepts In Mathematics And Science

Physical and Health Education

For continuing students only.

Not available to commencing students in 2004

- HMN201 Developing Teaching and Learning Initiatives for the Health and Physical Education Key Learning Area
- HMN202 Developing and Assessing Higher Order Thinking Skills in School Physical Education
- HMN203 Application of the Sciences to Teaching and Learning in Physical Education and Sport

HMN205 Health Education Curriculum across the School Years

School Guidance and Counselling

Foundation unit:

SPN610 Advanced Educational Counselling

Other units:

SPB006 Educational Counselling

SPN611 Educational Counselling Professional Practice

SPN612 Psychoeducational Assessment

SPN618 Career Development Programs

Students who have not done any counselling studies in their undergraduate degree must complete SPB006 Educational Counselling prior to enrolling in SPN610.

The School Guidance and Counselling area of interest within the Master of Education is accepted by both Education Queensland and the Brisbane Catholic Education Centre as a suitable formal employment qualification for School Counsellor and Guidance Officer positions. Graduates from this program are recognised by the Queensland Guidance and Counselling Association, and together with experience requirements it enables them to be eligible for full membership of this professional body.

Science Education

Foundation unit:

MDN628 Contemporary Science Curriculum: Context And Challenge

Other units:

MDN619 Technologically Supported Teaching And Learning

Environments

MDN629 Development Of Students' Scientific Reasoning Skills

MDN630 Learning And Teaching In Contemporary Science Classrooms

MDN636 Understanding Concepts In Mathematics And Science

■ **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

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 and 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 Understanding Educational Research and Conducting Educational Research. 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.

Course Requirements

University / Faculty rules governing credit, supervision, confirmation of candidature and examination of thesis apply to the Master of Education (Research).

Standard Full-time Course Structure

First Semester of Study

EDN611 Understanding Educational Research

IFN300 Masters Research

NOTE: Students must either undertake EDN611 before EDN612 or undertake them concurrently.

Second Semester of Study

EDN612 Conducting Educational Research

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 Understanding Educational Research

IFN302 Masters Research

NOTE: Students must either undertake EDN611 before EDN612 or undertake them concurrently.

Second Semester of Study

EDN612 Conducting Educational Research

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 and in doing so, undertake two compulsory units of 12 credit points each Second Language Acquisition and Principles of Second Language Methodology. 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 below:

- Research Methods in Second Language Education
- Language and Culture
- Directed Reading in Second Language Education
- Technology and Second Language Learning
- Language Assessment and Program Evaluation
- in TESOL
- Personalised Language Development
- Second Language Curriculum Design Options
- Sociolinguistics
- From Theory to Practice: Practical Applications in the
- TESOL Classroom
- Grammar for Teachers
- English Language Teaching Management
- Functional Grammar and Discourse
- Adult Literacy and Second Language Learners

Option 2: requires the completion of elective units and a 24 or 36 credit point research project to total 96 credit points.

Graduate Certificate in Education (TESOL) - Exit Point

Graduate Certificate Exit Point

Following the successful completion of four Master of Education (TESOL) units (including 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

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
 Students must consult with the Course Coordinator to discuss their research topic and to complete the appropriate forms before enrolling in the following:
 CLB339 Adult Literacy And Second Language Learners
 NOTE Assessment for CLB339 is completed at Masters level.
 EDN603 Independent Study
 EDN608 Project
 EDN620 Dissertation
 EDN611 Understanding Educational Research
 EDN612 Conducting Educational Research

■ Graduate Diploma in Education (Computer Education) (ED21)

Award title: Graduate Diploma in Education (Computer Education)

Location: Kelvin Grove and External

Course duration (external): 2 years part-time/external

Total credit points: 96

Course coordinator: Mr Paul Shield

Course Structure

To meet course requirements, students must complete four core units and four elective units. Students may elect to undertake one of the strands listed to accommodate their professional requirements.

It is suggested that applicants with little knowledge of computing do the elective unit Computer Applications in Education in their first semester. Normally this unit may only be attempted in the first semester of the first year of study. Students in other than their first year of study will only be allowed to undertake the unit with the explicit approval of the course coordinator.

Note: Four units must be completed at a grade of 4 or above before the unit Computer Education Project can be undertaken.

Course structure

Secondary Computer Studies

Year 1, Semester 1

MDP532 Computer Systems In An Educational Context
 MDP537 Major Issues In Computer Education

Year 1, Semester 2

MDP503 Information Systems In Education
 MDP535 Educational Software Development

Year 2, Semester 1

MDP533 Teaching Information Systems Modelling
 MDP507 Teaching Secondary Computer Studies

Year 2, Semester 2

MDP506 Computer Education Project
 MDP534 Educational Applications Of Artificial Intelligence

Secondary General

Year 1, Semester 1

MDP530 Computer Applications In Education
 MDP537 Major Issues In Computer Education

Year 1, Semester 2

MDP503 Information Systems In Education
 MDP531 Investigations Into Computer-Aided Learning

Year 2, Semester 1

MDP532 Computer Systems In An Educational Context
 MDP536 Computer Graphics In Teaching

Year 2, Semester 2

MDP506 Computer Education Project
 MDP504 School Administration Using Information Technology
 or

MDP538 Computers In The Secondary Curriculum

Primary

Year 1, Semester 1

MDP530 Computer Applications In Education
 MDP537 Major Issues In Computer Education

Year 1, Semester 2

MDP503 Information Systems In Education
 MDP508 Computer Use In The Primary Curriculum

Year 2, Semester 1

MDP532 Computer Systems In An Educational Context
 MDP536 Computer Graphics In Teaching

Year 2, Semester 2

MDP506 Computer Education Project
 MDP504 School Administration Using Information Technology
 or

MDP531 Investigations Into Computer-Aided Learning

TAFE

Year 1, Semester 1

MDP532 Computer Systems In An Educational Context
 MDP530 Computer Applications In Education

Year 1, Semester 2

MDP503 Information Systems In Education
 MDP535 Educational Software Development

Year 2, Semester 1

MDP537 Major Issues In Computer Education and either

MDP536 Computer Graphics In Teaching or

MDP533 Teaching Information Systems Modelling

Year 2, Semester 2

MDP506 Computer Education Project

MDP531 Investigations Into Computer-Aided Learning

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 Diagnostic Assessment And Remedial Intervention In Mathematics

■ Graduate Diploma in Education (Early Childhood) (ED20)

Award title: Graduate Diploma in Education (Early Childhood)

Location: Kelvin Grove and External

Course duration (external): 2 years

Total credit points: 96

Course coordinator: Dr Ann Farrell

Special Course Requirements

Students should note that there is a compulsory period of two weeks practice teaching with children in the early childhood age range, to be undertaken at the completion of the first four units of the course. A further compulsory period of two weeks with children in the early childhood age range is held toward the end of the course to provide opportunities for extending practical knowledge of program design and evaluation. Some students may need to undertake these practicals during school holidays.

Students are required to undergo a criminal history check (renewable every two years) before undertaking practicum units.

Course structure

Year 1, Semester 1

EAP533 Change In Children: Birth To Eight Years

EAP534 Curriculum In Early Childhood 1

Year 1, Semester 2

EAP534 Curriculum In Early Childhood 1

EAP535 Curriculum In Early Childhood 2

EDP508 Practicum In Early Childhood 1
Practicum units may be undertaken in either Semester 2 or the

Summer Program

Year 2, Semester 1

EAP536 Curriculum In Early Childhood 3
One elective unit

Year 2, Semester 2

Practicum units may be undertaken in either semester 2 or the Summer Program

EDP509 Practicum In Early Childhood 2
Two elective units

Elective Units -Semester 1

Students will complete a total of three elective units

EAP537 Contexts Of Early Childhood Education

EAB413 Management Of Early Childhood Services

Elective Units - Semester 2

EAB444 Inclusive Practices In Early Childhood

EAB410 Early Education: Deciding The Curriculum

EAP539 Transactions In Early Childhood Education

EAB440 Working With Parents And Community

Students entering the course mid-year will undertake a modified structure

■ Graduate Diploma in Education (Learning Support) (ED28)

Award title: Graduate Diploma in Education (Learning Support)

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 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

■ Graduate Diploma in Education (Teacher Librarianship) (ED25)

Award title: Graduate Diploma in Education (Teacher Librarianship)

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: Assoc Prof Kerry Mallan

Professional Recognition

The course is recognised by the Australian Library and Information Association as a specialist professional qualification.

Course Structure

To be eligible to graduate you must complete 60 credit points of core units and 36 credit points of electives. The table opposite shows the core and elective units. Students may select up to 24 credit points of the elective units from other University courses as approved by the course coordinator.

Core Units

CLP527 Learning In The Information Age

CLP528 Literary and Popular Resources For Learning

CLP529 Communication Within An Information Environment

CLP530 Accessing Information Sources

CLP531 Field Program

Electives

CLB451 Storytelling: Cultural Perspectives

CLB452 Media Literacy And The School

CLP532 Bibliographic Organisation

EDB440 Independent Study

CLP534 Contemporary Publishing: Trends And Practices

CLN601 Cyberlearning: Information & Knowledge in the Digital Age

CLN603 Designing Spaces for Learning

CLN625 New Literacies And Technologies

Masters level units are CLN601, CLN603, CLN625

■ Graduate Certificate in Education (ED61)

Award title: Graduate Certificate in Education (Study Area A)

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: Dr Ian Ginns

Course Structure

The Graduate Certificate in Education course consists of 48 credit points of units from a postgraduate course within the Faculty of Education deemed by the Dean of the Faculty to form a coherent program of study. Units within the Graduate Certificate in Education course can be presented in internal, external or block mode where students are required to attend on-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 you to complete the assessment on a credit point basis.

The areas of interest include adult and workplace education, autistic spectrum disorder, behaviour management, career guidance, educational counselling, higher education, information and communication technology, leadership and management, learning leadership, marine studies (advanced), mathematics education (advanced), science education, adult and organisational learning, marine studies, mathematics education, teaching English as a foreign language (young children) [international students only], information literacy, learning support.

Course structure

Adult and Organisational Learning

- 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

Adult and Workplace Education

- EDN603 Independent Study
- SPB026 Adult Education In The Workplace And Community
- SPN623 Strategic Workplace Education and the Learning Organisation
- SPN624 Foundations Of Adult Learning And Development

Autistic Spectrum Disorder

- Module 1: Introduction to Autistic Spectrum Disorder
- Module 2: Behaviour Management for Autistic Spectrum Disorder

- EDN603 Independent Study
- SPN615 Educational Intervention For Challenging Behaviour In The Classroom

Behaviour Management

- CLN632 Youth Focussed Behaviour Management And Schools
- SPN615 Educational Intervention For Challenging Behaviour In The Classroom
- SPN616 Behaviour Management: Programs And Planning
- SPN617 Issues In Classroom Management

Career Guidance

- SPB006 Educational Counselling
 - SPN610 Advanced Educational Counselling
 - SPN618 Career Development Programs
 - SPN619 Career Theory
 - SPN620 Career Counselling
- Students will complete either SPB006 or SPN610 depending on previous studies.

Educational Counselling

- SPB006 Educational Counselling
- SPN610 Advanced Educational Counselling
- SPN611 Educational Counselling Professional Practice
- SPN618 Career Development Programs

Higher Education

- EDN626 Learning And Teaching In Higher Education
- EDN627 Contexts And Issues In Higher Education
- EDN628 Postgraduate Research Supervision
- EDN629 Presentation And Delivery Modes In Higher Education
- EDN630 Higher Education: Curriculum Design, Assessment And Evaluation

Information Literacy

- CLP527 Learning In The Information Age
- CLP528 Literary and Popular Resources For Learning
- CLP529 Communication Within An Information Environment
- CLP530 Accessing Information Sources

Information and Communication Technology

- MDN633 Curriculum Studies In Technology Education
 - MDN619 Technologically Supported Teaching And Learning Environments
 - MDN623 Communications Technology In Education
 - MDN632 Databases In Educational Context
 - SPN632 Flexible Delivery: Pedagogical Issues And Imperatives
 - CLN601 Cyberlearning: Information & Knowledge in the Digital Age
 - CLN602 Diversity and Multiliteracies
 - CLN603 Designing Spaces for Learning
- Students will undertake the core unit MDN633 and a further 36 credit points from the remaining units on offer.

Leadership and Management

- SPN625 Changing Agendas In Leadership
- SPN626 Leading And Managing People
- SPN627 Policy Development And Analysis
- SPN629 Current Issues In Leadership
- CLN604 Globalisation & Educational Change
- EDN603 Independent Study

- EDN608 Project
- Students will undertake the core unit SPN625 and a further 36 cps from the remaining units on offer.

Learning Leadership

Students should consult the Course Coordinator for details of units available.

Learning Support

- SPP500 Learners With Special Needs
- SPP501 Consultation And Communication
- SPP502 Programming For Students With Learning Difficulties/disabilities
- CLP501 Socio-Cultural Issues In Education

Marine Studies

- MDB395 Marine Studies Curriculum
 - MDB429 Initiatives In Science Education
 - EDB440 Independent Study
- An additional 12 credit points are awarded for specified assessment and vocational qualifications.

Marine Studies (Advanced)

- MDB395 Marine Studies Curriculum
 - MDN630 Learning And Teaching In Contemporary Science Classrooms
 - EDN603 Independent Study
- An additional 12 credit points are awarded for specified assessment and vocational qualifications.

Mathematics Education

- MDB333 Mathematics Curriculum Studies 1
- MDB411 Early Childhood Mathematics Teaching, Learning And Assessment
- MDP529 Diagnostic Assessment And Remedial Intervention In Mathematics
- EDB440 Independent Study
- EDB442 Integrated Professional Studies
- MDB453 Mathematics for Schools

Mathematics Education (Advanced)

- MDN624 Contemporary Mathematics Curriculum: Context And Challenge
- MDN625 Exploring Students' Mathematical Reasoning
- MDN626 Pedagogy In Mathematics Education
- MDN627 Student Assessment In Mathematics
- MDN636 Understanding Concepts In Mathematics And Science
- EDN603 Independent Study

Science Education

- MDN628 Contemporary Science Curriculum: Context And Challenge
- MDN629 Development Of Students' Scientific Reasoning Skills
- MDN630 Learning And Teaching In Contemporary Science Classrooms
- MDN636 Understanding Concepts In Mathematics And Science
- EDN603 Independent Study

■ 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

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

- CLN608 Second Language Acquisition
- CLN612 Principles Of Second Language Methodology
- 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

Elective Units

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
Students must consult with the course coordinator to discuss their research topic and to complete the appropriate forms before enrolling in the following:
CLB339 Adult Literacy And Second Language Learners
NOTE: Assessment for CLB339 is completed at Masters level.
EDN603 Independent Study

■ Bachelor of Early Childhood (ED83)

Award title: Bachelor of Early Childhood

Location: External

Course duration (external): 3 years

Total credit points: 288

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

Course coordinator: Ms Di Nailon

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 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. Applicants for registration as a teacher in Queensland are also subject to national criminal history checks.

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)

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: Ms Di Nailon

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: Families and Childhoods in Early Childhood Education and Care

Year 2, Semester 1

- EAB004 Development and Learning in 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

PATHWAY STUDIES UNITS - LIST 1

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 Educating 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 Gaming 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 Multimedia
 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 Stages
 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

Professional Recognition

Students who are interested in obtaining registration with the Board of Teacher Registration will need to follow a specified program with permission from the Faculty. 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

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
 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

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 and 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

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 (compulsory)

STUDIES IN INCLUSIVE EDUCATION

- CLB045 Becoming a Second Language User
- CLB049 The Global Teacher
- CLB347 Teaching English as an Additional Language
- CLB401 Cultural Diversity in Education
- CLB403 Gender and Sexuality Issues for Teachers
- MDB030 Understanding and Educating 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

- EDB440 Independent Study (compulsory)
- 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 (compulsory)

MANAGING LEARNERS AND LEARNING

- SPB004 Teaching Students with Learning Difficulties
- SPB006 Educational Counselling
- SPB010 Education Law and the Beginning Teacher
- SPB012 Classroom Behaviour Management
- SPB017 Classroom Management: Models and Practice
- SPB018 Teaching Strategies
- EDB440 Independent Study (compulsory)

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 (compulsory)

INVESTIGATING MATHEMATICS

- MDB347 Excursions in Number
- MDB396 Excursions in Geometry
- MDB021 Mathematics Curriculum Studies 1
- MDP529 Diagnostic Assessment & Remedial Intervention in Mathematics
- EAB023 Early Childhood Mathematics Education (not offered in 2004)
- EDB440 Independent Study (compulsory)

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 (compulsory)

INFORMATION AND COMMUNICATION TECHNOLOGIES

- MDB392 Educational Computing Environments
- MDB393 Networked Communities
- MDB397 Multimedia
- EAB422 Information & Communication Technologies & the Young Child
- CLB452 Media Literacy and the School
- MDB377 Project Planning & Implementation for Educational Purposes (compulsory)

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 & Communication Technologies & the Young Child

- EDB440 Independent Study (compulsory)

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 in Australia and the Asia Pacific
- CLB375 Exploring Outdoors: Education in the Environment
- CLB049 The Global Teacher

- EAB423 Museums: Places of Learning
- EDB440 Independent Study (compulsory)

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 & Nutrition
- SPB007 Human Sexuality and Learning
- EDB440 Independent Study (compulsory)

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 (compulsory)

DRAMA

- KTB208 Elements Of Drama
- KTB214 Process Drama
- KTB251 20th Century Stages
- 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 and 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 The Analysis of Modern Dance
- 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 Photographic Media
- 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

Professional Recognition

Students based outside Queensland should note that a proportion of the practicum requirements for this course may need to be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required. 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.

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 (In-service) (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

Option 1

Students may undertake four 12 credit point units from the Faculty of Education elective units listed OR from the following inservice or preservice courses (subject to course rules).

Option 2

Students may undertake four units of 12 credit points each offered by other faculties within QUT. Approval must be obtained from the Unit Coordinator offering the elective.

Option 3

Students may undertake four units of 12 credit points each from a combination of options one and two.

Course structure

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	Diagnostic Assessment And Remedial Intervention In Mathematics
MDB453	Mathematics for Schools

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)

Location: External

Course duration (part-time): 5 years external

Total credit points: 384 CP

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

Course coordinator: Dr Joanne Brownlee

Professional Recognition

This course 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. Early Childhood specialisations are also accredited by 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
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 and Communication 3

Year 5, Semester 1

EAB017	Integrated Early Childhood Curriculum
EAB012	Early Childhood Curriculum: Arts 2

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

Course duration (full-time): 4 years

Total credit points: 384

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

Course coordinator: Dr Jackie Stokes

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

See Bachelor of Education (Early Childhood) (ED92) for details.

List 2 : Languages Other Than English (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

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

Professional Recognition

Students based outside Queensland should note that a proportion of the practicum requirements for this course must be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required. 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.

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:

KKB201 Primary Curriculum & Pedagogies: Music, Visual Arts & Media
OR

KKB202 Primary Curriculum & Pedagogies: Dance & Drama

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

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:
 KKB914 Visual And Performing Arts Curriculum 1
 Internal Students:
 KKB201 Primary Curriculum & Pedagogies: Music, Visual Arts & Media
 OR
 KKB202 Primary Curriculum & Pedagogies: Dance & Drama

■ 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

The Bachelor of Education is an exciting new learning opportunity, which will challenge students to investigate, question, and create new knowledge about teaching and learning. The course has been designed using the principles of outcomes-based education, an educational approach that not only describes the long-term learning outcomes that are desired from the course, but which accepts that the learning pathway towards these outcomes may be different for individual students.

Each program consists of several different types of units:

- core units cover material which is considered essential for all preservice teacher education students in current contexts
- parallel units are specific to each program, but are offered as parallel (similar) units in the other programs
- strand units focus on issues related to that program and must be successfully completed to graduate from the course
- specialist pathway units allow students to undertake a specific area of study of at least 48 credit points.

Students complete a total of 384 credit points of study and will specialise in two teaching areas appropriate for teaching grades 8-12 in Queensland. A total of between 144 and 168 credit points of study will be undertaken in these two teaching areas depending on the areas selected. The teaching area studies are also referred to as discipline studies. Students completing 144 credit points of discipline studies will have the option to undertake an additional 24 credit points of discipline studies as electives or 24 credit points of education pathway units from those listed. The remaining credit points will be drawn from Education-related studies and will include a minimum of 100 days of field study experience in a range of classrooms and other educational settings, and curriculum studies relevant to the selected teaching areas. Core education units will cover teaching and learning studies, technology studies, Indigenous and sociocultural studies. Applied curriculum tasks give students the opportunity to relate their practical school experiences to their theoretical studies.

Successful applicants receive an offer in one of three streams: General, Home Economics or Physical Education. Restrictions apply to some teaching area combinations.

Students will select their two teaching areas from the following lists (one from Group X and one from Group Y):

- GROUP X
 Accounting/Business Management
 Business Communication and 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 and Technologies
 Chemistry
 Earth Science
 Economics
 English
 Film and Media Studies (subject to quota)
 French
 Geography
 German
 Health Education
 History
 Indonesian
 Japanese
 Legal Studies
 Mathematics
 Physics

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 Educating 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 Studies 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

Professional Recognition

Students based outside Queensland should note that a proportion of the practicum requirements for this course may need to be completed in a Queensland school if registration with the Queensland Board of Teacher Registration is required. 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.

Course Structure

Students pursue two teaching areas which are offered in the secondary school curriculum. Curriculum areas available in this course include Accounting/Business Management, Business Communication and Technologies Education, Art, Biology, Chemistry, Computing, Dance, Drama, Earth Science, Economics, English, English as a Second Language (ESL), Film and Media, Geography, Health Education, History, Home Economics, Languages Other Than English (LOTE), Legal Studies, Mathematics, Music, Physical Education, Physics, Science Studies, Social Science.

Please note that Dance, Drama, Music, Art, LOTE, ESL, Home Economics, Film and Media, Health Education, and Physical Education curriculum studies are not available in the external mode. ESL can be chosen as a second teaching area only with English or LOTE as the first teaching area.

Students undertaking the option of a double LOTE specialisation must take LOTE as the first teaching area and Primary LOTE as the second teaching area. Students must complete LOTE and Primary LOTE Curriculum Studies 1 and 2. These students will be given LOTE teaching experience in primary schools during their third secondary professional practice block. LOTE includes French, German, Japanese, Indonesian, Chinese, Korean, and Italian.

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

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OVERVIEW

The Faculty of Health is an industry leader educating 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 is one of the fastest growing areas in health today. 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. Postgraduate programs are offered in human movement studies (professional studies), and sports studies.

The School of Nursing is Queensland's largest and 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 Psychology is a three-year degree program that will both prepare graduates for further studies in psychology, and offer excellent employment opportunities 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 and Counselling Psychology, 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 also teaches in programs offered by other academic areas such as Built Environment and Engineering, Business, Health and Science.

The School of Public Health is the most diverse of the Faculty's schools, offering undergraduate majors in areas such as environmental health, podiatry, nutrition and dietetics, health information management, health services management, emergency health services, and public health. A range of articulated postgraduate programs is also offered in a number of

these areas plus other special fields such as health promotion, 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 unit with operational hospital rooms and a clinical suite
- 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

Faculty Administration Manager: M. Rimland, BA *Old*

Health Project Manager: C. Cliff, BSc ANU, PhD *Keele*, CChem, DipEnvStud *Macq*, GradDipOutdoorEd *Brisbane CAE*, GradDipBusAdmin

School of Human Movement Studies

Head: Professor A.W. Parker, MSc PhD *Oregon*, FASMF

Assoc Prof: A.P. Hills, BEd *Tas*, MSc *Oregon*, PhD *Old*

School of Nursing

Head: Professor H.E. Edwards, DipAppSc BA (Hons), PhD, RN, FRCNA

Professors:

J. Abbey, PhD *Deakin*

M. Courtney, BAdmin(Acctg) *Griff*, MHP *UNSW*, PhD *UNE*, RN, FRCNA

A. Chang, DipNEd, BEdSt(Hons), MEdSt, PLD, RN, FRCNA

G. Gardner, BAppSc(AdvNursing) *La Trobe*, MEdSt *Monash*, PhD *Old*

Assoc Prof: P. Yates, DipAppSc *QIT*, MSocSc PhD *Old*, FRCNA

School of Optometry

Head: Professor L.G. Carney, BAppSc MSc(Optom) PhD *Melb*, DSc *QUT*, LOsc, FAAO

Assoc Profs:

D.A. Atchison, MSc(Optom) PhD *Melb*, Grad Cert Ed, FAAO

M. J. Collins, DipAppSc *QIT*, MAppSc PhD, FAAO

J. E. Lovie-Kitchin, MSc(Optom) *Melb*, GradDipRehab *La Trobe*, LOsc, PhD, FAAO

P. G. Swann, BSc(Hons) *Aston*, MAppScm *QUT*, FCOptom, FAAO

J. M. Wood, BSc(Hons) PhD *Aston*, MCOptom, FAAO

School of Psychology and Counselling

Head: Professor R. Young, BSc(Hons) MSc DipClinPsych
Otago, PhD *Qld*, MAPS

Professor: M. Sheehan, BA(Hons) GradDip(Clinical Psych) *Syd*,
PhD *Qld*

Assoc Profs:

R. Schweitzer, BSocSc(Hons) *UCT*, MA (ClinPsy), PhD *Rhodes*
R. Tay, BSc(Hons) *Texas Tech*, MSc *Stanford*, PhD *Purdue*

School of Public Health

Head: B.F. Oldenburg, BSc(Hons) MPsy PhD *UNSW*

Professor: B. Newman, BA *UC Santa Cruz*, MS *UC Davis*, PhD
Berkeley

Assoc Profs:

C. Patterson, MSc PhD *Qld*, GradDipBusAdmin *QUT*
D. Stewart, BA(Hons) *Durh*, MA(Ed) *Leic*, PGCertEd *Oxf*, MPH
UNSW, PhD *Otago*

RESEARCH CENTRES

Institute of Health and Biomedical Innovation

QUT's recently established Institute of Health and Biomedical Innovation (IHBI) represents an exciting new venture integrating the disciplines of health, biomedical science and biomedical-engineering. IHBI is a dynamic research facility promoting collaboration between researchers of complementary disciplines and between researchers and commercial industry partners. The Institute has integrated research in the Faculties of Health, Science, and Built Environment and Engineering into six research 'domains'. The Domains of Advanced Diagnostics and devices, Health Development, Injury Prevention and Rehabilitation, Molecular Farming, Tissue Bio-Regeneration and Vision Improvement are continuing current research programs in key areas.

Centre for Health Research

Research activities within the Faculty of Health are supported under the auspices of the Centre for Health Research. This large faculty centre encompasses research of national and international standing conducted by staff in the Faculty's Schools including research undertaken through the Centre for Accident Research & Road Safety Queensland (CARRS-Q see detail below). These activities are embraced within the Centre for Health Research as part of six collaborative research programs:

- Ageing
- Health and well-being
- Human behaviour
- Physical activity, disability, injury and rehabilitation
- Vision
- Accident research

Each of these programs has an established national and international presence in its specific research activities. The main activities in each program include:

Ageing

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. Opportunities in ageing research cover both aspects, the impact of age-related disease and successful ageing. Current 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.

Health and Well-being

Research activities in this area relate to health services, policy and management, as well as population health and human behaviour. Areas of strength include the management of chronic diseases such as cancer, diabetes and coronary heart disease; improving the care of hospitalised patients and managing early discharge; health outcomes for disadvantaged populations; health promotion in schools; prevention and management of obesity and related conditions and other health related quality of life issues. Researchers from across the Faculty bring knowledge and expertise in health promotion, health care systems and economics, nursing, disease management and prevention, epidemiology and biostatistics, policy and health services management.

Human Behaviour

The understanding of psychological processes has advanced considerably over recent decades with advances in methodology and technology. The opportunities in psychology and health include research in addictive behaviour, eating, exercise, organic mental disorder and health promotion. This research profile extends from the use of psychological models to predict health behavioural change to neurobiological approaches. Another current strength is in the area of psychological therapies and counselling. This body of work includes rehabilitation, treatment of anxiety disorders and depression, narrative therapy, family therapy and counselling supervision. There is also a strong tradition in research embracing fundamental, social, cognitive and developmental processes in psychology. This includes research in attitude theory, group behaviour and decision-making, adolescence, memory, psycholinguistics and the development of reading.

Physical Activity, Disability, Injury and Rehabilitation

The role of physical activity in the maintenance and restoration of health is a significant emerging area. Studies in this area are 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. There is increasing evidence of the role of physical activity in the prevention, treatment and management of a range of chronic diseases of increasing prevalence, such as obesity, diabetes, osteoarthritis and cardiovascular and peripheral arterial disease. A key strength in the Faculty is in the area of rehabilitation research and therapeutic interventions in disease and injuries across all life stages. Research areas include falls and mobility in older people, neurological injury, vision loss, musculoskeletal injuries from sport, emotional or behavioural disorders in children, chronic fatigue syndrome, dementia and Alzheimer's disease.

Vision

Vision research provides an important resource for the community, industry, government and eye-care professions. Collaborative research has created a network linking the Centre and similar organisations within Australia and overseas. Research encompasses activities in 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 on the ocular surface, effects of refractive surgery, colour vision and electroretinography.

Centre for Accident Research and Road Safety - Queensland (CARRS-Q)

Accident Research

CARRS-Q is an initiative of the Motor Accident Insurance Commission (MAIC) and is funded by MAIC and QUT. 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. It has an

international advisory board, which includes leading overseas experts on crash prevention. Its board of management comprises members of QUT, RACQ, Queensland Transport, Department of Main Roads, CONROD, Queensland Police, Queensland Health and MAIC. CARRS-Q 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.

■ 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

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
Elective Unit
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
Elective Unit

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

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 Counselling (PY12)

Award title: Master of Counselling

Location: Carseldine

Course duration (part-time): 6 semesters

Total credit points: 144

Course coordinator: Mr Glen Guy

Entry requirements

An approved degree in a human-service or related area and at least two years work experience and 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 subject from:

PYN013 Advanced Counselling Studies
 Elective

Year 3, Semester 1

PYN007 Professional Studies 3

PYN008 Project (Part 1)

Year 3, Semester 2

PYN008 Project (Part 2)

PYN008 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: Assoc Prof Robert Schweitzer

Course structure - Full-time

Semester 1

PYN005 Research Methods and Issues: Evidence Based Practice

PYN026 Advanced Psychological Interventions 1

PYN027 Advanced Psychological Assessment

PYN035 Supervised Practicum 1

Semester 2

PYN028 Advanced Developmental Psychopathology

PYN029 Advanced Psychological Interventions 2

PYN030 Ethical, Legal and Supervision Issues in Counselling
 Psychology

PYN036 Supervised Practicum 2

Semester 3

PYN031 Research Thesis (Part 1)

PYN031 Research Thesis (Part 2)

PYN037 Supervised Practicum 3

Elective

Semester 4

PYN031 Research Thesis (Part 3)

PYN031 Research Thesis (Part 4)

PYN038 Supervised Practicum 4

Elective

Course Structure - Part-time

Year 1, Semester 1

PYN026 Advanced Psychological Interventions 1

PYN027 Advanced Psychological Assessment

Year 1, Semester 2

PYN029 Advanced Psychological Interventions 2

PYN030 Ethical, Legal and Supervision Issues in Counselling
 Psychology

Year 2, Semester 1

PYN035 Supervised Practicum 1

PYN005 Research Methods and Issues: Evidence Based Practice

Year 2, Semester 2

PYN036 Supervised Practicum 2

Elective

Year 3, Semester 1

PYN031 Research Thesis (Part 1)

Elective

Year 3, Semester 2

PYN031 Research Thesis (Part 2)

PYN031 Research Thesis (Part 3)

Year 4, Semester 1

PYN031 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): 3 semesters (full-time) or 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 Elizabeth Parker

Majors

Majors are offered in the following areas:

- Environmental Health,
- Health Services Management,
- Health Promotion,
- Health, Safety and Environment
- Risk Management,
- Physical and Health Education,
- Women's Health,
- Aged Care

or a cross specialisation (where no major is taken but students study across a variety of fields.)

To complete a major, students must complete at least four units from the same discipline area from with the Faculty of Health.

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 (4) 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 can not normally enrol directly in the Masters Degree in the area of Occupational Health and Safety 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 Pathways/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

PUN001 Contemporary Risk Management

PUN617 Environmental Health Management

PUN620 Concepts of Environmental Health

PUP415 Occupational and 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)
 (formerly OCCUPATIONAL HEALTH AND SAFETY)
 MEP201 Safety Technology and Practice
 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
 PHYSICAL AND HEALTH EDUCATION
 HMN201 Developing Teaching and Learning Initiatives for the Health and Physical Education Key Learning Area
 HMN202 Developing and Assessing Higher Order Thinking Skills in School Physical Education
 HMN203 Application of the Sciences to Teaching and Learning in Physical Education and Sport
 HMN205 Health Education Curriculum across the School Years
 HMN206 Designing Physical Activity Experiences for Special Populations
 PUN620 Concepts of 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 Advanced Psychological Interventions 1
 PYN029 Advanced 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 Communication 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 Legal Risks Management And Workplace Education
 SPN623 Strategic Workplace Education and the Learning Organisation
 SPN624 Foundations Of Adult Learning And Development
 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.

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.

For all majors except for mental health nursing, students may complete their program by internal or external mode. Students in the mental health nursing program will be required to complete some units by internal mode, but may choose to undertake selected units by 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).

Student 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

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

Overview

The Graduate Diploma in Public Health and Master of Public Health Programs are offered and taught jointly by a consortium of three universities (QUT, Griffith University, and The University of Queensland). Students enrol through one of these universities and are required to complete: four compulsory core units, four elective units, and a further four electives or a dissertation under the guidance of a supervisor.

Course rules are available in the Public Health Programs course handbook available from School of Public Health.

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.

Course structure - Full-time**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

Course structure - Part-time**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
Occupational and Environmental Health Science
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
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)

■ Postgraduate Diploma in Psychology (PY20)

Award title: Postgraduate Diploma in Psychology

CRICOS code: 034714G

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 Renata Meuter

Course structure

The courses 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. Research thesis units contact is as required by the supervisor.

Full-time Course structure**Year 1, Semester 1**

PYB450 Research Thesis (Part 1)
Plus ONE research methods unit selected from the following options:

PYB401 Advanced Research Methods
PYN005 Research Methods and Issues: Evidence Based Practice
HHB232 Survey Methods
Plus TWO advanced psychology units selected from the following options:

PYB402 Counselling Psychology
PYB403 Cognitive Neuropsychology
PYB404 Issues in Social Development Psychology
PYB405 Advanced Organisational Psychology

Year 1, Semester 2

PYB407 Research and Professional Development Seminar

PYB450 Research Thesis (Part 2)
 PYB450 Research Thesis (Part 3)
 Plus ONE cognate elective selected from a list approved by the course coordinator.

■ Graduate Diploma in Clinical Hypnosis (PY30)

Award title: Graduate Diploma in Clinical Hypnosis

Location: Carseldine

Course duration (full-time): 2 semesters

Course duration (part-time): 4 semesters

Total credit points: 96

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

Course coordinator: Dr Kathryn Gow

Course structure

In the Graduate Certificate in Clinical Hypnosis Practice (PY32), you complete Year 1, semesters 1 and 2, to qualify. In the Graduate Diploma in Clinical Hypnosis (PY30) you complete the whole program.

Course structure

Year 1, Semester 1

PYP300 Clinical Hypnosis: Foundations In Theory And Practice
 PYP304 Foundations Of Effective Clinical Research In Hypnosis
 PYP309 Hypnosis: Processes, Techniques and Applications
 PYP306 Dissertation: Clinical Research Review 1-3

Year 1, Semester 2

PYP306/1 Dissertation: Clinical Research Review
 PYP307 Clinical Case Supervision (Group and Individual)
 Elective*

*Any 12 credit point unit offered by the Faculty of Health subject to approval by the course coordinator

Year 2, Semester 1

PYP302 Clinical Applications Of Hypnosis: General And Discipline-Based
 PYP307 Clinical Case Supervision (Group and Individual)

Year 2, Semester 2

PYP306/2 Dissertation: Clinical Research Review
 PYP306/3 Dissertation: Clinical Research Review

■ 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 with 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) senior 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. the title of the qualification would read: Graduate Diploma in Health Science (Health Promotion).

Completion of three units (36 credit points) in an area of specialisation does not entitle the graduate to a descriptor after the title Graduate Diploma in Health Science.

Course Pathways/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

See Master of Health Science (HL88) for details.

■ 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 (from 2005)

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 Pathways/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

MEP201 Safety Technology and Practice
 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:

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

Aged Care

Full-time 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 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

PUN602 Health Planning, Management and Evaluation

PUP036 Concepts and Settings for 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

PUN602 Health Planning, Management and Evaluation

PUP036 Concepts and Settings for 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

NSN921 Key Issues in Mental 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

NSN922 Community Perspectives in Mental Health Nursing

NSN523 Clinical Studies

NSN928 Counselling in Mental Health Nursing

NSN929 Clinical Intervention Modalities in Mental Health Nursing

Part-time Course Structure

Semester 1

NSN901 Mental Health Assessment

NSN721 Key Issues in Emergency and Intensive Care Nursing

Semester 2

NSN922 Community Perspectives in Mental Health Nursing

NSN523 Clinical Studies

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

NSN929 Clinical Intervention Modalities in Mental Health Nursing

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 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 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 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 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 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 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

See Master of Nursing (NS85) for details.

■ 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 Julie Hansen

Graduate Diploma in Psychology**Semester 1 Part-time**

- PYB205 Social Psychology
PYB210 Research Design and Data Analysis

Semester 2 Part-time

- PYB203 Developmental Psychology
Elective

Semester 3 Part-time

- PYB303 Cognitive Psychology
PYB304 Physiological Psychology

Semester 4 Part-time

- PYB306 Psychopathology
PYB311 Psychological Assessment

Electives

- PYB067 Human Sexuality
PYB158 Introduction to Substance Abuse in Australia
PYB159 Alcohol and Other Drug Studies
PYB201 Perception
PYB206 Personality
PYB208 Counselling Theory and Practice 1
PYB215 Forensic Psychology and The Law
PYB257 Group Work
PYB258 Introduction to Theory and Research in Hypnosis
PYB260 Psychopharmacology of Addictive Behaviour
PYB302 Industrial and Organisational Psychology
PYB307 Health Psychology
PYB350 Advanced Statistical Analysis
(essential for intending honours students)
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
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

Overview

The Graduate Diploma in Public Health and Master of Public Health Programs are offered and taught conjointly by a consortium of three universities (QUT, Griffith University, and The University of Queensland). Students enrol through one of these universities and are required to complete four compulsory core units and four elective units selected from a specialised stream.

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 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.

Course Pathways/Articulation

This course fully articulates into PU85 Master of Public Health

Course structure

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

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

Occupational and Environmental Health Science

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
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: Mr Barry Watson

Course Structure

The Graduate Diploma in Road Safety course consists of two core units plus six electives. The units are modularised for delivery on a semester basis, or in a series of weekends, or as an intensive week-long offering.

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:

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, 502, 504 and 506 are all flexible delivery versions of the campus-based units and can be undertaken in distance education mode.

■ 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 Renata Meuter

Internal 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 Grade Point Average of 5 in the overall undergraduate degree program
- a minimum overall Grade Point Average of 5 in prescribed second and third year Psychology subjects or their equivalent, specifically:

PYB203 Developmental Psychology
 PYB205 Social Psychology
 PYB201 Perception
 PYB206 Personality
 PYB208 Counselling Theory and Practice 1
 PYB302 Industrial and Organisational Psychology
 PYB303 Cognitive Psychology
 PYB304 Physiological Psychology
 PYB306 Personality and Psychopathology
 PYB311 Psychological Assessment
 PYB210 Research Design and Data Analysis
 PYB350 Advanced Statistical Analysis

External 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.

Full-time Course Structure

Year 1, Semester 1

PYB400 Thesis (Part 1)
 PYB401 Advanced Research Methods
 Two Elective Units

Year 1, Semester 2

PYB400 Thesis (Part 2)
 PYB400 Thesis (Part 3)
 PYB400 Thesis (Part 4)
 PYB407 Research and Professional Development Seminar

Part-time Course Structure

Year 1, Semester 1

PYB401 Advanced Research Methods
 One Elective Unit

Year 1, Semester 2

PYB400 Thesis (Part 1)
 PYB407 Research and Professional Development Seminar

Year 2 Semester 1

PYB400 Thesis (Part 2)
 One Elective Unit

Year 2, Semester 2

PYB400 Thesis (Part 3)
 PYB400 Thesis (Part 4)

Elective Units

Elective Units

PYB402 Counselling Psychology
 PYB403 Cognitive Neuropsychology
 PYB404 Issues in Social Development Psychology
 PYB405 Advanced Organisational Psychology

■ 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

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 Clinical Hypnosis Practice (PY32)

Award title: Graduate Certificate in Clinical Hypnosis Practice

Location: Carseldine

Course duration (part-time): 2 semesters

Total credit points: 48

Course coordinator: Dr Kathryn Gow

Course structure

In the Graduate Certificate in Clinical Hypnosis Practice (PY30), you complete Year 1, semesters 1 and 2, to qualify. In the Graduate Diploma in Clinical Hypnosis (PY32) you complete the whole program.

Course structure

Year 1, Semester 1

PYP300 Clinical Hypnosis: Foundations In Theory And Practice
 PYP309 Hypnosis: Processes, Techniques and Applications

Year 1, Semester 2

PYP307 Clinical Case Supervision (Group and Individual)
 Elective *

*Any 12 credit point unit offered by the Faculty of Health subject to approval by the course coordinator

■ 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
PUN602	Health Planning, Management and Evaluation
PUP036	Concepts and Settings for Health Promotion

Year 1, Semester 2

NSN726	Advanced Clinical Practice Elective (List B)
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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.

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
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Year 1, Semester 2

NSN723	Specialisation in Critical Care Nursing
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■ 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

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

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 (Study Area A)

CRICOS code: 027285D

Location: Kelvin Grove

Course duration (full-time): 1 semester

Course duration (part-time): 2 semesters

Course duration (external): 1 semester full-time or 2 semesters part-time

Total credit points: 48

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

Course coordinator: Dr Elizabeth Parker

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 Pathways/Articulation

This course articulates fully into HL68 Graduate Diploma in Health Science and HL88 Master of Health Science

Special Note

Completion of units in Occupational Health & Safety 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

See Master of Health Science (HL88) for details.

■ 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

Part-time Course structure**Year 1, Semester 1**

PUN692	Health Care Delivery Systems AND
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PUB511	Health Policy, Planning and Evaluation OR
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PUB514	Contract/Project Management
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Year 1, Semester 2

PUN610	Health Services Management AND
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PUN601	Contemporary Health Policies OR
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PUN608	Health Economics
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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 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

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

Total credit points: 48

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

Course coordinator: Mr Barry Watson

Course Structure

The Graduate Certificate in Road Safety consists of two core units plus two electives. The units are modularised for delivery on a semester basis, or as an intensive week-long offering. The program has 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. These units are being introduced progressively. PYP501 Introduction to Road Safety is already available and the following will be offered from 2004:

From semester 1, 2004

- PYP502 Traffic Psychology and Road Safety

- PYP504 Applying Traffic Psychology

From semester 2, 2004

- 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.

■ 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

Course Structure

The Graduate Certificate in Rugby Studies consists of 48 credit points from the School of Human Movement Studies. From 2004 the course will be offered in part-time external mode only.

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 Key Issues in Acute and Critical Care Nursing must be working at 0.6 FTE in a Critical Care, Medical/Surgical

or Cancer Care 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

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 Dissertation

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

HLP103 Dissertation

HLP103 Dissertation

HLP103 Dissertation

HLP103 Dissertation

HLP103 Dissertation

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

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 Dissertation

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

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 Dissertation

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 Applied Science (Exercise and Sports Nutrition) (HM45)

CRICOS code: 047456B

Location: Kelvin Grove

Course duration (full-time): 3 Years

Total credit points: 288

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

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

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
 Elective (HM minor, discipline minor or general)

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

Semester 1

PYB000 Scholarship and Skills (Psychology)
PYB101 Introduction to Psychology 1a
PYB007 Interpersonal Processes and Skills
Social Science Foundation Unit (see List A)

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

Semester 3

PYB205 Social Psychology

PYB206 Personality
PYB210 Research Design and Data Analysis
Elective

Semester 4

PYB201 Perception
PYB203 Developmental Psychology
Elective
Elective

Semester 5

PYB302 Industrial and Organisational Psychology
PYB303 Cognitive Psychology
PYB304 Physiological Psychology
Elective

Semester 6

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)

Semester 4

PYB208 Counselling Theory and Practice 1
Elective

Semester 5

PYB205 Social Psychology
PYB210 Research Design and Data Analysis

Semester 6

PYB203 Developmental Psychology
PYB201 Perception

Semester 7

PYB206 Personality
Elective

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

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)

The Course Coordinator may approve other electives. 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.

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 student 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.

■ 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: Dr Josie Di Donato

Other Majors

See also the separate entries for the following majors in this course: Environmental Health; 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) a major in Health Services Management PLUS the opportunity to select from one of the following:
 b) 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

- c) two minors (Minor 1 and Minor 2) each of which are comprised of 48cp selected from the minor electives lists below.

OR

- d) 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.

Please 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 Business Information Analysis and Communication
 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

PUB722 Practice in Clinical Dietetics
PUB821 Practice in Community Nutrition
PUB822 Practice in Food Service Management
Minor Elective
Minor Elective

Year 4, Semester 2

PUB606 Dietetic Management
PUB821 Practice in Community Nutrition
PUB822 Practice in Food Service Management
Minor Elective
Minor Elective

Note

*Credentialling 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, 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
Major study (Human Movement Studies)

Year 4, Semester 1

HMB277 Exercise and Sport Nutrition
HMB382 Principles Of Exercise Prescription
PUB509 Nutrition
Elective

Year 4, Semester 2

HMB470 Practicum 1
HMB471 Project 1
PUB501 Applied Counselling for Health Professionals
PUB875 Professional Practice

Year 5, Semester 1

HMB472 Project 2
PUB722 Practice in Clinical Dietetics
PUB821 Practice in Community Nutrition
PUB822 Practice in Food Service Management

Year 5, Semester 2

HMB475 Practicum 2
PUB606 Dietetic Management
PUB821 Practice in Community Nutrition
PUB822 Practice in Food Service Management

Elective Units

Elective units may be chosen from any degree course, subject to prerequisite requirements, credit points, availability of the unit and approval of the Head of School.

■ 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: Environmental Health; 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 (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**Year 1, Semester 1**

LSB131	Anatomy
PCB141	Chemistry for Clinical Health Professionals
PUB251	Contemporary Public Health
PYB012	Psychology

Year 1, Semester 2

HMB272	Biomechanics
LSB235	Advanced Anatomy
LSB275	Biomolecular Science
LSB475	Disease Processes 4

Year 2, Semester 1

HMB274	Functional Anatomy
LSB451	Human Physiology
PUB326	Epidemiology
PUB339	Podiatric Medicine 1

Year 2, Semester 2

LSB492	Microbiology
PUB437	Pharmacology
PUB438	Medicine
PUB439	Podiatric Medicine 2

Year 3, Semester 1

PUB522	Podiatric Anaesthesiology
PUB537	Radiographic Image Interpretation
PUB538	Physical Medicine
PUB539	Podiatric Medicine 3

Year 3, Semester 2

PUB416	Research Methods
PUB635	Podiatric Surgery
PUB638	Orthopaedics and Sports Medicine
PUB639	Podiatric Medicine 4

Year 4, Semester 1

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

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.

Course structure (full-time)**Year 1, Semester 1**

LSB131	Anatomy
PCB141	Chemistry for Clinical Health Professionals
PUB251	Contemporary Public Health
PYB012	Psychology

Year 1, Semester 2

HMB171	Fitness Health and Wellness
HMB272	Biomechanics
LSB235	Advanced Anatomy

LSB275	Biomolecular Science
LSB475	Disease Processes 4
Year 2, Semester 1	
LSB451	Human Physiology
HMB313	Socio-Cultural Foundations of Physical Activity
PUB326	Epidemiology
PUB339	Podiatric Medicine 1
Year 2, Semester 2	
HMB172	Nutrition and Physical Activity
LSB492	Microbiology
PUB437	Pharmacology
PUB438	Medicine
PUB439	Podiatric Medicine 2
Year 3, Semester 1	
HMB271	Foundations Of Motor Control, Learning And Development
HMB274	Functional Anatomy
PUB537	Radiographic Image Interpretation
PUB539	Podiatric Medicine 3
Year 3, Semester 2	
HMB273	Exercise Physiology 1
HMB275	Exercise and Sport Psychology
HMB276	Research in Human Movement
PUB638	Orthopaedics and Sports Medicine
PUB639	Podiatric Medicine 4
Year 4, Semester 1	
HMB379	Disorders of Human Movement
HMB382	Principles Of Exercise Prescription
PUB522	Podiatric Anaesthesiology
PUB538	Physical Medicine
PUB739	Podiatric Medicine 5
Year 4, Semester 2	
HMB471	Project 1
PUB635	Podiatric Surgery
PUB826	Project and Professional Management
PUB839	Podiatric Medicine 6
Year 5, Semester 1	
HMB470	Practicum 1
HMB472	Project 2
HMB480	Advanced Exercise Prescription
PUB738	Advanced Clinical Studies 1
Year 5, Semester 2	
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: Environmental Health; 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.

Please 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 - Graduate Entry (NS40)

Award title: Bachelor of Nursing

CRICOS code: 046054F

Location: Kelvin Grove

Course duration (full-time): 2 Years for Preregistration Graduate entry

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

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

Course coordinator: Dr Alan Barnard

Streams in NS40 Bachelor of Nursing

From 2002 the Bachelor of Nursing (NS40) course will provide streams of study for both preregistration and postregistration students (ie those who have already completed a qualification leading to registration as a nurse).

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
NSB424	Nursing Therapeutics
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

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

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

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

NSB224	Research Approaches in Nursing Select 3 more units:
NSB223	Mental Health Nursing
NSB501	Politics, Technology and Nursing
PYB073	Introduction to Behavioural Sciences and Health Care Any other approved unit/s

Year 1, Semester 2

NSB321	Professional Nursing Development Select 3 more units:
HHB120	Ethics, Law And Health Care
NSB113	Values, Culture and Diversity
NSB424	Nursing Therapeutics Elective 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 Sciences and Health Care Any other approved unit

Year 1, Semester 2

	Select two units:
HHB120	Ethics, Law And Health Care
NSB113	Values, Culture and Diversity
NSB424	Nursing Therapeutics Elective (see elective list) OR Any other approved unit

Year 2, Semester 1

NSB224	Research Approaches in Nursing Select one more unit:
NSB223	Mental Health Nursing
NSB501	Politics, Technology and Nursing
PYB073	Introduction to Behavioural Sciences and Health Care

Any other approved unit

Year 2, Semester 2

- NSB321 Professional Nursing Development
Select one more unit:
HHB120 Ethics, Law And Health Care
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective (see elective list) OR
Any other approved unit

Second Semester (Mid-Year) Entry

Full-time Course Structure

Year 1, Semester 1

- NSB321 Professional Nursing Development
Select three more units
HHB120 Ethics, Law And Health Care
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective (see elective list) OR
Any other approved unit

Year 1, Semester 2

- NSB224 Research Approaches in Nursing
Select three more 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

Year 1, Semester 1

- NSB321 Professional Nursing Development
Select one more unit:
HHB120 Ethics, Law And Health Care
NSB113 Values, Culture and Diversity
NSB424 Nursing Therapeutics
Elective (see elective list) OR
Any other approved unit

Year 1, Semester 2

- NSB224 Research Approaches in Nursing
Select one more unit:
NSB223 Mental Health Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Year 2, Semester 1

- Select two units:
NSB113 Values, Culture and Diversity
HHB120 Ethics, Law And Health Care
NSB424 Nursing Therapeutics
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 Sciences and Health Care
Any other approved unit

For Overseas Registered Nurses with an appropriate qualification seeking registration in Australia

Note This program is available in the full-time mode only

First Semester Entry

Full-time Course Structure

Year 1, Semester 1

- NSB500 Medical-Surgical Nursing 3
NSB322 Clinical Practice 4
Select two more units:
NSB223 Mental Health Nursing
NSB224 Research Approaches in Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

Year 1, Semester 2

- NSB321 Professional Nursing Development
NSB333 Clinical Practice 5
Elective

Second Semester (Mid-year) Entry

Full-time Course Structure

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
Select two more units:
NSB223 Mental Health Nursing
NSB224 Research Approaches in Nursing
NSB501 Politics, Technology and Nursing
PYB073 Introduction to Behavioural Sciences and Health Care
Any other approved unit

■ Bachelor of Nursing - Preregistration (NS40)

Award title: Bachelor of Nursing

CRICOS code: 003501K

Location: Kelvin Grove

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 Alan Barnard

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).

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
PYB073 Introduction to Behavioural Sciences and Health Care
NSB117 Nursing and the Health Care System
NSB118 Health Assessment and Nursing Practice

Year 1, Semester 2

- LSB282 Bioscience 2
NSB225 Promoting Health Across the Lifespan
NSB113 Values, Culture and Diversity
NSB122 Clinical Practice 1

Year 2, Semester 1

- LSB382 Bioscience 3
NSB324 Medical-Surgical Nursing 1
NSB212 Clinical Practice 2
NSB223 Mental Health Nursing

Year 2, Semester 2

NSB423 Medical-Surgical Nursing 2
 NSB424 Nursing Therapeutics
 HHB120 Ethics, Law And Health Care
 NSB222 Clinical Practice 3

Year 3, Semester 1

NSB500 Medical-Surgical Nursing 3
 NSB322 Clinical Practice 4
 NSB501 Politics, Technology and Nursing
 NSB224 Research Approaches in Nursing

Year 3, Semester 2

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

PYB073 Introduction to Behavioural Sciences and Health Care
 NSB118 Health Assessment and Nursing Practice

Year 2, Semester 2

NSB225 Promoting Health Across the Lifespan
 NSB122 Clinical Practice 1

Year 3, Semester 1

LSB382 Bioscience 3
 NSB324 Medical-Surgical Nursing 1

Year 3, Semester 2

NSB423 Medical-Surgical Nursing 2
 HHB120 Ethics, Law And Health Care

Year 4, Semester 1

NSB223 Mental Health Nursing
 NSB212 Clinical Practice 2

Year 4, Semester 2

NSB424 Nursing Therapeutics
 NSB222 Clinical Practice 3

Year 5, Semester 1

NSB501 Politics, Technology and Nursing
 NSB224 Research Approaches in Nursing

Year 5, Semester 2

NSB321 Professional Nursing Development
 Elective (see list below)

Year 6, Semester 1

NSB500 Medical-Surgical Nursing 3
 NSB322 Clinical Practice 4

Year 6, Semester 2

NSB333 Clinical Practice 5

■ Bachelor of Nursing and Health Services Management (NS45)

Award title: Bachelor of Nursing and Health Services Management

CRICOS code: 047457A

Location: Kelvin Grove

Course duration (full-time): 4 Years

Total credit points: 384

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. 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
 NSB118 Health Assessment and Nursing Practice
 PUB104 Introduction to Health Services Management
 PYB073 Introduction to Behavioural Sciences and Health Care

Year 1, Semester 2

BSB115 Management, People and Organisations
 HHB120 Ethics, Law And Health Care
 NSB225 Promoting Health Across the Lifespan
 PUB251 Contemporary Public Health

Year 2, Semester 1

NSB223 Mental Health Nursing
 NSB224 Research Approaches in Nursing
 PUB326 Epidemiology
 PUB380 Casemix Management

Year 2, Semester 2

LSB282 Bioscience 2
 NSB122 Clinical Practice 1
 NSB113 Values, Culture and Diversity
 PUB480 Health Administration Finance

Year 3, Semester 1

LSB382 Bioscience 3
 NSB324 Medical-Surgical Nursing 1
 NSB212 Clinical Practice 2
 PUB511 Health Policy, Planning and Evaluation

Year 3, Semester 2

NSB423 Medical-Surgical Nursing 2
 NSB424 Nursing Therapeutics
 NSB222 Clinical Practice 3
 PUB490 Quality Management in Health

Year 4, Semester 1

NSB500 Medical-Surgical Nursing 3
 NSB501 Politics, Technology and Nursing
 NSB322 Clinical Practice 4
 PUB514 Contract/Project Management

Year 4, Semester 2

NSB321 Professional Nursing Development
 NSB333 Clinical Practice 5
 PUB609 Health Resource Allocation

■ 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: Dr Graham Costin (Human Movement Studies)

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 Sciences 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

HMB379 Disorders of Human Movement
 HMB274 Functional Anatomy
 NSB118 Health Assessment and Nursing Practice
 HMB271 Foundations Of Motor Control, Learning And Development

Year 2, Semester 2

LSB282 Bioscience 2
 NSB225 Promoting Health Across the Lifespan
 HMB276 Research in Human Movement
 HMB273 Exercise Physiology 1
 NSB122 Clinical Practice 1

Year 3, Semester 1

HMB382 Principles of Exercise Prescription
 LSB382 Bioscience 3
 NSB324 Medical-Surgical Nursing 1
 NSB223 Mental Health Nursing
 NSB212 Clinical Practice 2

Year 3, Semester 2

HMB470 Practicum 1
 NSB423 Medical-Surgical Nursing 2
 NSB424 Nursing Therapeutics
 HHB120 Ethics, Law And Health Care
 NSB222 Clinical Practice 3

Year 4, Semester 1

NSB500 Medical-Surgical Nursing 3
 NSB501 Politics, Technology and Nursing
 Human Movement Studies Major/Third Level Elective (see * below)
 NSB322 Clinical Practice 4

Year 4, Semester 2

NSB321 Professional Nursing Development
 NSB333 Clinical Practice 5
 Elective (see # below)

Elective List

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

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

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
 PUB201 Food and Nutrition
 PUB209 Health, Culture and Society
 PYB012 Psychology

Year 2, Semester 1

LSB182 Bioscience 1
 NSB118 Health Assessment and Nursing Practice
 PUB326 Epidemiology
 PUB329 Foundations of Health Studies and Health Behaviour
 PLUS
 Public Health Elective

Year 2, Semester 2

LSB282 Bioscience 2
 NSB122 Clinical Practice 1
 NSB225 Promoting Health Across the Lifespan
 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

Year 3, Semester 2

HHB120 Ethics, Law And Health Care
 NSB222 Clinical Practice 3
 NSB423 Medical-Surgical Nursing 2
 NSB424 Nursing Therapeutics
 PUB875 Professional Practice

Year 4, Semester 1

NSB322 Clinical Practice 4
 NSB500 Medical-Surgical Nursing 3
 NSB501 Politics, Technology and Nursing
 PUB511 Health Policy, Planning and Evaluation
 PUB514 Contract/Project Management

Year 4, Semester 2

NSB321 Professional Nursing Development
 NSB333 Clinical Practice 5
 PUB609 Health Resource Allocation

Public Health Elective List

PUB341 Nutrition Education

PUB349 Families and Households

PUB557 Health Needs of Indigenous Australians and Other Populations

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, 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, 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 *Qld*, MA *Griff*, PhD *Qld*

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*

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 in 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 been developing since 1996 include:

- experience in the use of diverse research approaches, including: political, psychological, 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
- emerging 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 by 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

Fax: + 61 7 3864 4719

Email: l.buys@qut.edu.au

■ **Doctor of Social Science (HH50)**

CRICOS code: 048293G

Location: Carseldine

Course duration (full-time): 6 semesters (3 years)

Course duration (part-time): 12 semesters (6 years)

Course duration (external): Not available

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

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.

Course structure - full time

Year 1 Semester 1

HBB410 Logic Of Social Inquiry

HHR551 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 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 Professional Practice Project 1 3/4

HHR551 Professional Practice Project 1 4/4

HHR561 Professional Practice Project 2 1/4

HHR561 Professional Practice Project 2 2/4

Year 2 Semester 2

HHR561 Professional Practice Project 2 3/4

HHR561 Professional Practice Project 2 4/4

HHR520 Conference Presentation 2: Professional Networks

HHR571 Professional Practice Project 3 1/8

Year 3 Semester 1

HHR571 Professional Practice Project 3 2/8

HHR571 Professional Practice Project 3 3/8

HHR571 Professional Practice Project 3 4/8

HHR571 Professional Practice Project 3 5/8

Year 3 Semester 2

HHR571 Professional Practice Project 3 6/8

HHR571 Professional Practice Project 3 7/8

HHR571 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 & Environmental Studies
- History
- Human Services
- International & Global Studies
- Languages (French, German, Indonesian, Japanese, Mandarin)
- Political Studies
- Services to Young People
- Sociology.

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

Depending 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

HBB410 Logic Of Social Inquiry

HHN001/1 Research Project 1

Elective

Elective

NB 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

Entry with three-year qualification - Part-time Course Structure

Year 1, Semester 1

HBB410 Logic Of Social Inquiry

Elective

Year 1, Semester 2

HHN002 Graduate Seminar

Elective

NB 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 points 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

Entry with four-year qualification - Part-time Course Structure (48 credit points of exemption)

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

Course Structure

You will study four core units and have a wide choice of elective units. You may choose electives from those listed here or, in consultation with the course coordinator, any advanced unit across the university. The scope of elective choice depends on your undergraduate degree. For the units Practice Related Research, you will select and work under the supervision of a member of academic staff to undertake a research project. The resulting report, the thesis (15-18,000 words), demonstrates your in-depth knowledge of a topic of your choice as well as your ability to design and conduct research.

All Graduate Studies units are offered subject to availability.

Please contact the course coordinator for advice on nominating a part-time course load.

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
GSN408 Fundamentals of Marketing Management
GSN418 Marketing Strategy Development
MGN516 Policy Analysis
MGN517 Program Management and Evaluation
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
PYB159 Alcohol and Other Drug Studies

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
HHB224 Qualitative Research Methods
HHB232 Survey Methods
HHB328 Researching Applied Ethics
PYB208 Counselling Theory and Practice 1
PYB110 Psychological Research Methods

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

Course Structure

You will study four core units and have a wide degree of choice of elective units. You may choose electives from those listed here or, in consultation with the course coordinator, any advanced unit across the university. The scope of elective choice depends on your undergraduate degree.

All Graduate Studies units are offered subject to availability.

Please contact the course coordinator for advice on nominating a part-time course load.

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:

HHB410 Logic Of Social Inquiry
MGN516 Policy Analysis
MGN517 Program Management and Evaluation
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
HHB201 Initial Professional Practice
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 P&NP 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 selection 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 2, 3 or 4 semesters.

Course structure - Standard Enrolment

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 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

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 15-18000 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.

Part-time Course Structure

Part-time students should contact the course coordinator for advice on alternative sequences of study.

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 inter-disciplinary 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 15-18000 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.

Note: Part-time Students

Part-time students may take units in an alternative sequence approved by the course coordinator

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 15-18000 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.

Part-time Course Structure

Part-time entry students should contact the course coordinator for advice on alternative sequences of study.

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.

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

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 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: 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)

NB: 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.

International and Global Studies Professional Major

The major in International and Global Studies serves students seeking employment in job markets that demand and value knowledge of trends and outcomes in internationalisation, understanding of cultural diversity, knowledge of world regions, cultures and societies, and skills associated with global literacy. Students will be able to tailor learning packages to their professional interests and may choose to concentrate on 'global perspectives' or 'international studies' (Asian studies, European studies, Pacific studies). This major may be combined with

language study in Indonesian, French, Japanese, German or Mandarin.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 1 Unit from Strand A, 1 Unit from Strand B, 3 or 4 Units selected from either Strand (Total of 7 units)

Society and Change Professional Major

The Society and Change major provides an interdisciplinary approach to understanding the dynamics of social change with particular emphasis on 'the environment, change and society', 'societies in transition' and 'the individual and society'. Students will acquire substantive knowledge on social and cultural aspects of change. Students are challenged to take a critical and analytical approach to their study. Many of the units provide case studies of social change, and graduates of this major will be equipped with transferable analytical, research and interpersonal skills required for adaptation to rapidly changing work environments.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 4-6 units from within Strands A, B & C, with no more than 1 Change Management or Project unit. (Total of 7 units)

Ethics and Human Rights Professional Major

The major in Ethics and Human Rights provides students with the opportunity to develop as socially responsible and responsive practitioners. Dramatic changes in the human condition, such as those already emerging from globalisation and biotechnology, will be a significant feature of life in the twenty-first century. This major will equip students with understandings, skills and strategies that will enable them to address change in ways that optimise outcomes which promote the well-being of individuals and communities. The major is organised around five themes: 'ethical understandings and theory', 'human rights', 'identity studies', 'ethics and technology' and 'ethical practice'.

Refer to Core Program and Electives: Students are advised to take 1 or both Core Units, 5 or 6 electives from Strands A - E.

Community Studies Professional Major

In the Community Studies major the 'knowledge explosion' is addressed by an open-ended teaching and learning approach to equip students to better understand the communities to which they belong from past, present and future perspectives. As students get to know how communities are structured, they consider which holds communities together and what undermines them, and consider how communities can be enhanced. The two strands of the major are 'community practice' which encompasses the concept of community and a detailed investigation of community processes, and 'Australian studies' which looks specifically at the Australian community and Australia's relationships with countries around it.

Refer to Core Program and Electives: Students are advised to take 1 or 2 Core Units, 5-6 units from either Strand A or B.

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

- 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

* 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
- HHB235 Identities: The Body, Technology & 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
 HHB235 Identities: The Body, Technology & Cyberspace
 HHB216 The Human Dimensions Of Space
 HHB223 Islam and Islamic Societies

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

■ Bachelor of Social Science (HH03)

Award title: Bachelor of Social Science

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 Bob Lonne

Course Requirements

Students are required to complete the first year program as follows:

- HHB116 Applied Skills and Scholarship
- Two Foundation Units
- Two to three Introductory Units
- Two to three Elective Units

Students are REQUIRED to complete (over their entire course):

- 6 Social Science Skills Units
- 1 (7 unit) Primary Major

Students must ENSURE that:

- They maintain a 50% enrolment in the units that are HHB-coded until they have completed eight units;
- That a minimum of 12 of the total of 24 course units must be chosen from units that are HHB-coded.

Students who enter the course with advanced standing should discuss their enrolment with the Course Coordinator.

Part-time Students - Year 1

During their first year, part-time students normally enrol in four units.

Example of Course Structure for Full-time Students

Year 1, Semester 1

Foundation Unit (List A)
 Course Foundation Unit or HHB116
 Course Foundation Unit (Primary Major) (List B)
 Elective Unit

Year 1, Semester 2

Foundation Unit (List A)
 Course Foundation Unit or HHB116
 Course Foundation Unit (Secondary Major) (List C or other Faculty)
 Elective Unit

Year 2, Semester 1

Major 1
 Major 2
 Major 2
 Elective Unit

Year 2, Semester 2

Major 1
 Major 1
 Major 2
 Elective Unit

Year 3, Semester 1

Major 1
 Major 1
 Major 2
 Elective Unit

Year 3, Semester 3

Major 1
 Major 2
 Major 2
 Elective Unit

Year 1 - Part-time Students

During their first year part-time students normally enrol in four units.

The following is the recommended pattern of enrolment:

- HHB116 Applied Skills And Scholarship
 Two Foundation Units (one per semester)(List A)
 One Course Foundation Unit (List B)

List A: Foundation Units

List A - Foundation Units

HHB106 Australian Society And Culture
 HHB210 Indigenous Australia: Country, Kin And Culture
 HHB114 Introduction To Human Rights And Ethics
 HHB103 Contemporary Social And Community Issues
 HHB105 Exploring Change

Additional First Year Requirement

HHB116 Applied Skills And Scholarship

List B: Introductory Units

Primary Major Study Areas

Applied Ethics

HHB115 Human Identity And Change

Geography and Environmental Studies

HHB107 World Regions

International and Global Studies

HHB110 Introduction To International And Global Studies

Political Studies

HHB112 Australian Politics

Sociology

HHB104 Understanding Society: Intro. To Sociology

Secondary Major Study Areas

Asia Pacific Studies

HHB122 Colonialism And Independence In Asia Pacific

History

HHB121 Interpreting The Past

OR

HHB122 Colonialism And Independence In Asia Pacific

Human Services

HHB100 Introduction To Human Services

Indonesian

HHB071 Indonesian 1

OR

HHB073 Indonesian 3

Japanese

HHB081 Japanese 1

OR

HHB083 Japanese 3

French

HHB061 French 1

OR

HHB063 French 3

German

HHB091 German 1

OR

HHB093 German 3

Mandarin

HHB050 Mandarin For Chinese

HHB051 Introductory Mandarin 1

HHB052 Introductory Mandarin 2

Primary Major and Secondary Major Study Sequences

Applied Ethics

HHB264 Public And Professional Ethics

HHB268 Vulnerable Identities

HHB270 Gene Technology And Ethics

HHB265 The Just Society

HHB266 Ethical Decision Making

HHB267 Feminism And Ethics

HHB269 Ethics, Technology And The Environment

HHB328 Researching Applied Ethics

Geography & Environmental Studies

Environment and Resources

HHB227 Environment And Society

HHB228 Environmental Hazards

HHB269 Ethics, Technology And The Environment

HHB241 Gender and Globalisation

HHB251 Australian Resource Management

Regional and Local Studies

HHB250 Australian Geographical Studies

HHB229 Windows On Japan

HHB244 Southeast Asia In Focus

Advanced Seminar

HHB312 Geographical Research Design

Other Electives for Geography Major

HHB232 Survey Methods

PSB631 Geographic Information Systems 1

PSB655 Remote Sensing

NRB100 Environmental Science

PSB443 Population and Urban Studies

International and Global Studies

HHB111 Issues In International And Global Studies

Regional Studies

HHB229 Windows On Japan

HHB239 Korean Culture And Societies

HHB122 Colonialism And Independence In Asia Pacific

HHB243 The Pacific Since 1945

HHB244 Southeast Asia In Focus

HHB315 Sex And Drugs In South-East Asia

HHB256 Europe Since 1945

HHB320 Independent Project 1

Geography and Development Studies

HHB107 World Regions

HHB241 Gender and Globalisation

HHB226 Consuming Cultures

Applied Ethics Studies

HHB115 Human Identity And Change

HHB269 Ethics, Technology And The Environment

Sociology and Political Studies

HHB263 Politics Of Globalisation

HHB225 Political Sociology

HHB235 Identities: The Body, Technology & Cyberspace

HHB310 Globalisation And Social Theory

HHB265 The Just Society

Political Studies

HHB225 Political Sociology

HHB230 Political Behaviour

HHB232 Survey Methods

HHB249 Social Movements In Australia

HHB263 Politics Of Globalisation

HHB111 Issues In International And Global Studies

HHB213 Social Policy Processes

HHB255 Indigenous Politics And Political Culture

HHB262 Political Ideologies

HHB265 The Just Society

HHB224 Qualitative Research Methods

Sociology

HHB232 Survey Methods

HHB233 Sex, Gender And Society

HHB234 Sociological Theory

HHB236 Virgins, Saints And Sinners: Sociology Of Religion

HHB270 Gene Technology And Ethics

HHB111 Issues In International And Global Studies

HHB224 Qualitative Research Methods

HHB225 Political Sociology

HHB226 Consuming Cultures

HHB231 Health, Society And Environment

HHB240 Sociology Of Crime And Deviance

HHB310 Globalisation And Social Theory

HHB235 Identities: The Body, Technology & Cyberspace

Secondary Major Study Sequences

Asia Pacific Studies

East Asia

HHB246 Modern China

HHB229 Windows On Japan

HHB239 Korean Culture And Societies

Pacific Islands

HHB242 Pacific Culture Contact

HHB243 The Pacific Since 1945

HHB245 Australia And The South Pacific

Southeast Asia

HHB244 Southeast Asia In Focus

HHB315 Sex And Drugs In South-East Asia

Asia Thematic

HHB238 Asian Cultures And Societies

HHB241 Gender and Globalisation

HHB248 The USA and The Asia Pacific Region

HHB331 Advanced Seminar

History

Modern Histories

HHB238 Asian Cultures And Societies

HHB242 Pacific Culture Contact

HHB243 The Pacific Since 1945

HHB245 Australia And The South Pacific

HHB315 Sex And Drugs In South-East Asia

HHB246 Modern China

HHB253 Conspiracy And Dissent In Australian History

HHB248 The USA and The Asia Pacific Region

HHB256 Europe Since 1945

HHB259 War And Revolution In Europe 1914-1945

HHB260 Nations And Nationalism In Modern Europe

HHB109 Australian Historical Studies

HHB239 Korean Culture And Societies

HHB237 Brisbane in the Twentieth Century

HHB329 Advanced Project

HHB331 Advanced Seminar

Pre-Modern Histories

HHB257 The Classical World

HHB258 Foundations of Modern Europe

HHB261 Medieval Europe

Human Services

Discipline Studies Units

HHB103 Contemporary Social And Community Issues

HHB200 Working In Human Service Organisations

HHB220 Intervention Theories And Methods

HHB117	Introduction To Social Research Methods
HHB211	Casework And Case Management
HHB213	Social Policy Processes
HHB214	Team Practice and Group Processes
HHB210	Indigenous Australia: Country, Kin And Culture
HHB215	Crisis And Conflict Resolution
HHB212	Community Work Service Context Units
HHB203	Aged Services: Introduction
HHB204	Child And Family Services: Introduction
HHB205	Corrective Services: Introduction
HHB206	Disability Services: Introduction
HHB207	Services To Young People: Introduction

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

■ Bachelor of Social Science (HH04)

Award title: Bachelor of Social Science

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 Bob Lonne

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.

Part-time students - Year 1

During their first year, part-time students normally enrol in four units.

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

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
	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
 HHB235 Identities: The Body, Technology & Cyberspace
 HHB236 Virgins, Saints And Sinners: Sociology Of Religion
 HHB240 Sociology Of Crime And Deviance
 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
 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
 JSN015 Women and the Australian Legal System
 KPB321 Body Matters
 KPB343 Australian Film
 PUB336 Women's Health
 PYB054 Psychology and Gender
 PYB067 Human Sexuality

■ 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.

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 30 per cent being international students from some 51 countries, studying our postgraduate and undergraduate courses. 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, of which 20 per cent come from different countries such as Canada, France, Germany, Holland, Israel, Malaysia, New Zealand, Poland, Singapore, Taiwan, UK, USA, Brazil and China.

SENIOR STAFF

Faculty Office

Dean: Professor K.J. Gough, MSc PhD *Well*, FNZEI, MIEEEE, MACM, MACS

Director of Research: Professor B. Pham, PhD *Tas*, DipEd *Monash*, ACM, IEEE, ACSC, APRS

Director of Teaching and Learning: Assoc Prof 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, AIEEEE

Assistant Dean (Postgraduate Studies): Dr A Anderson, BSc MInfSys *Qld*, PhD *QUT*, LMusA

Assistant Dean (Undergraduate Studies): Dr A.B. Tickle, BSc *Qld*, GradDipMgt *CQU*, MSc *Qld*, PhD *QUT*

Administration Manager: P. Smith, BBus(Com) GradCertEd (HigherEd) *QUT*

School of Information Systems

Head: Assoc Prof 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

Professor: G.G. Gable, DipCompSys *NAIT*, BCom *Alta*, MBA *W Ontario*, PhD *Brad*, ACS, AIR, IRMA

Assoc Profs:

M. Rosemann, MBA, PhD *Univ of Münster Germany*

G. Stewart, BA DipEd MLitSt (CompSci) *Qld*, PhD *QUT*, FACS, PCP, AIMM, MIEEEE, MACM

A. ter Hofstede, MSc PhD *KUN*

School of Software Engineering and Data Communications

Head: Professor W. Caelli, BSc(Hons) *N'cle NSW*, PhD *ANU*, FACS, FTICA, MIEEEE

Deputy Head: Assoc Prof M. Looi, BEng(Hons), BAppSc, PhD, MIEEEE, MACS, CDec

Professors: E. Dawson, BSc DipEd *Wash*, MA *Syd*, MLittSt, MSc *Qld*, PhD, FTICA, MIEEEE, MCMSA, MIACR

Adjunct Professors:

D. Longley, BSc(Physics)(Hons) *Manc*, MSc(Tech) *UMIST*, PhD *Leic*, CEng, FIEE, FAIM

G. Mohay, BSc(Hons) *WAust*, PhD *Monash*, MACS, MACM, MIEEEE

Assoc Profs:

C. Boyd, BSc, PhD *Warwick*, CMath

P. Roe, MEng(Hons) *York*, PhD *Glas*, MACM

J. Sitte, PhD *Uppsala*, APS, MINNS, MIEEEE

RESEARCH CENTRES

Centre for Information Technology Innovation (CITI)

CITI was established in 2002, bringing together four established research areas, 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: Assoc Prof M. Rosemann, MBA, PhD *Muenster*
Phone: +61 7 3864 9486

Information Security Research Centre (ISRC)

ISRC has developed a national and international reputation in all aspects of the security of information systems and networks over the past fifteen years. The Centre has four main research areas: Cryptology, Networks, and Systems Security, Cyber Policy and Law, and Secure Electronic Commerce.

Director: Professor E. Dawson, BSc DipEd *Wash*, MA *Sy.*, MLittSt MSc *Qld*, PhD, FTICA, MIEEEE, MCMSA, MIACR
Phone: +61 7 3864 2846

■ 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

Articulation

Students who 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.

Course Structure

To graduate from the Master of IT, students are required to complete 12 units (144 credit points), with the majority made up of advanced units.

Students can exit the Master of IT with a Graduate Diploma in IT after completion of 96 credit points, with the majority made up of advanced units.

Course Structure

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
ITN663	Information Security Management
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
ITB236	Object-Oriented Analysis And Design
ITB254	Interactivity Design
ITB256	Special Topic 2A (Strategic Telework)
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 and 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 completed 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) - FT - 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

All ITN6XX units are subject to final approval

■ 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

Course Structure

To graduate from the Master of Information Technology (IT45) students are required to complete 12 units including our Compulsory Basic Units and a minimum of three advanced Units. To exit the Masters course with a Graduate Diploma in IT, students are required to complete eight units, consisting of four Compulsory Basic Units, plus four Intermediate or Advanced Level 1 Units.

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.

Course Structure

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
ITN663	Information Security Management
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
ITB236	Object-Oriented Analysis And Design
ITB254	Interactivity Design
ITB256	Special Topic 2A (Strategic Telework)
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 and 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 completed 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

All ITN6XX units are subject to final approval

■ 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: Assoc Prof Colin Boyd

Course Design

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

Course Design

To graduate from the Graduate Diploma in IT, students are required to complete 96 credit points, with the majority made up of advanced units.

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.

Course Structure

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
ITN663	Information Security Management
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
ITB236	Object-Oriented Analysis And Design
ITB254	Interactivity Design
ITB256	Special Topic 2A (Strategic Telework)
ITB258	ABAP Programming
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support
ITB266	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 and 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 completed 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) - FT - 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

All ITN6XX units are subject to final approval

■ 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

Course Structure

To graduate from the Graduate Diploma in Information Technology (IT38) students are required to complete eight units (96 credit points), consisting of four Compulsory Basic Units, plus four Intermediate or Advanced Level 1 Units.

Course Structure

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
ITN663	Information Security Management
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
ITB236	Object-Oriented Analysis And Design
ITB254	Interactivity Design
ITB256	Special Topic 2A (Strategic Telework)
ITB258	ABAP Programming
ITB264	Information Systems Consulting
ITB267	Data Warehousing For Decision Support
ITB266	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 and Games Design
ITB650	Computational Intelligence

Project Units

ITN246	Minor Project 1 (IS)
ITN248	Minor Project 2 (IS)
ITN674	Minor Project 1 (SEDC) - 12cps
ITN675	Minor Project 2 (SEDC) - 12cps

All ITN6XX units are subject to final approval

■ 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: Mr Michael Middleton

Articulation

Students who complete the course with a minimum grade point average of 4.5 (7-point scale) are eligible for admission to the Master of Information Technology (Non-IT graduates) and will receive 96 credit points of exemptions.

Professional Recognition

The Graduate Diploma in Library and Information Studies is recognised by the Australian Library and Information Association as fulfilling academic requirements for admission to the association as a professional member.

Course Structure - Full-time

Year 1, Semester 1

ITN200	Database Systems
ITN265	Management Of Information Programs
ITN336	Information Sources 1
ITN337	Information Organisation 1

Year 1, Semester 2

ITN266	Principles Of Information Management
ITN338	Information Resources Provision
ITN339	Professional Practice
	One unit selected from the following:

ITN201	Enterprise Architecture
ITN244	Special Topic 1A (Record Systems)
ITN246	Minor Project 1 (IS)
ITN330	Information Issues
ITN335	Digital Libraries
ITN361	Information User Instruction

Course Structure - Part-time

Year 1, Semester 1

ITN200	Database Systems
ITN336	Information Sources 1

Year 1, Semester 2

ITN266	Principles Of Information Management
ITN338	Information Resources Provision

Year 2, Semester 1

ITN265	Management Of Information Programs
ITN337	Information Organisation 1

Year 2, Semester 2

ITN339	Professional Practice
	One unit selected from the following
ITN201	Enterprise Architecture
ITN244	Special Topic 1A (Record Systems)
ITN246	Minor Project 1 (IS)
ITN330	Information Issues
ITN335	Digital Libraries

ITN361	Information User Instruction
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■ 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

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.

Course structure

FULL-TIME

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

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

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 - Full-time

*Year 3, Semester 1**

	Elective
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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

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

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.

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

Course structure - Common First Year- Full-time

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 structure -Common First Year- Part-time

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

Course structure - Data Communications Major - Full-time

Year 2, Semester 1

ITB610 Software Development 3
 ITB623 Information Security
 ITB624 Internetworking
 MAB209 Mathematics for Information Technology

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

Course structure - Data Communications Major - Part-time

Year 3, Semester 1

ITB624 Internetworking
 MAB209 Mathematics for Software Communication

Year 3, Semester 2

ITB610 Software Development 3
 ITB623 Information Security

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

Course structure - Electronic Commerce Major - Full-time

Year 2, Semester 1

ITB227 Web Applications
 ITB623 Information Security
 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
 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 Mathematics for Software Communication
 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

Students who complete the Cooperative Education Program will substitute ITS010 for an Electronic Commerce Elective

Course structure - Electronic Commerce Major - Part-time

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

ITB623 Information Security
 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	Mathematics for Software Communication 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

Course structure - Emerging Technologies Major - Full-time

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

Course structure - Emerging Technologies Major - Part-time

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
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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

Course structure - Information Systems Major - Full-time

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
 ITB268 Special Topic 1B (Advanced Databases)
 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
 ITB244 Special Topic 1A (Record Systems)
 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
 ITB243 Knowledge-Based Systems
 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

Course Structure - Information Systems Major - Part-time

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

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

Course structure - Software Engineering Major – Full-time

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 and 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

Course structure - Software Engineering Major - Part-time

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 and Games Design
- ITB650 Computational Intelligence
- ITB651 Project 1
- ITB272 Information Technology Project Management

Course structure - Integrated Majors - Data Communications & Information Systems - Full-time

Year 2, Semester 1

- ITB218 Applications Programming
- ITB227 Web Applications
- ITB624 Internetworking
- MAB209 Mathematics for Software Communication

Year 2, Semester 2

- ITB222 Business Systems Analysis
- ITB228 Enterprise Systems
- ITB627 Network Technologies
- ITB629 Network Services

Year 3, Semester 1

- ITB229 Information Systems Modelling
- ITB232 Database Systems
- ITB623 Information Security
- ITB625 Network Administration

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

Course structure - Integrated Majors - Data Communications & Information Systems - Part-time

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

Course structure - Data Communications & Software Engineering - Full-time - (Gardens Point Campus)

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
- ITB627 Network Technologies
- ITB629 Network Services

Year 3, Semester 1

- ITB613 Advanced Programming Laboratory
- ITB617 Concurrent and Distributed Systems
- ITB623 Information Security
- ITB625 Network Administration

Year 3, Semester 2

- CDC Elective Unit
- CDC Elective Unit
- Block 3 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
- ITB617 Concurrent and Distributed Systems
- 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

Course structure - Data Communications & Software Engineering- Part-time - 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

- CDC Elective Unit
- Block 3 Elective Unit

Course structure - Full-time - (Carseldine Campus)

Year 2, Semester 1

Students commencing major in 2004

- 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
- ITB627 Network Technologies
- ITB629 Network Services

Year 3, Semester 1

- ITB614 Programming Languages
- ITB623 Information Security
- ITB641 Component and Network Applications
- Block 3 Elective Unit

Year 3, Semester 2

ITB613 Advanced Programming Laboratory
 ITB617 Concurrent and Distributed Systems
 ITB625 Network Administration
 Block 3 Elective Unit

Year 3, Semester 1

Students who commenced major in 2003

ITB616 Computer Architecture
 ITB641 Component and Network Applications
 MAB209 Mathematics for Software Communication
 Block 3 Elective Unit

Year 3, Semester 2

ITB613 Advanced Programming Laboratory
 ITB623 Information Security
 ITB627 Network Technologies
 Block 3 Elective Unit

Course structure - Mid Year intake - Full-time

Year 1, Semester 2

ITB111 Software Development 1
 ITB114 Networking Systems
 ITB115 Introduction to Databases
 ITB116 IT Professional Studies 1

Year 2, Semester 1

ITB112 Software Development 2
 ITB113 Systems Architecture
 ITB117 IT Professional Studies 2
 ITB118 ICT Systems Life Cycle

Course structure - Mid Year intake -Part-time

Year 1, Semester 2

ITB113 Systems Architecture
 ITB116 IT Professional Studies 1

Year 3, Semester 1

ITB111 Software Development 1
 ITB115 Introduction to Databases

Year 2, Semester 1

ITB114 Networking Systems
 ITB117 IT Professional Studies 2

Year 2, Semester 2

ITB112 Software Development 2
 ITB118 ICT Systems Life Cycle

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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 also offers the State's longest running and most established professional legal training course for solicitor's admission. Bachelor of Laws graduates who wish to be admitted as solicitors can complete the Graduate Diploma in Legal Practice, in 24 weeks full-time or one year part-time.

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
- Commercial and property law
- Biotechnology and medical law
- Constitutionalism and human rights
- Criminal law and criminal justice
- Organised crime and corruption investigation
- Security management
- Legal and justice education
- Electronic courtroom practice
- Women, children and the law
- Courts and dispute resolution
- Legal theory, applications and practice.

SENIOR STAFF

Faculty Office

Dean: Professor M. Cope, BA(Hons) LLM *Qld*, Barrister

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*, Solicitor (Qld & NT), Barrister (NT), Legal Practitioner (High Court of Australia)

Assistant Dean, External Relations and Commercial Activities: Professor W.D. Duncan, LLB *Qld*, LLM *Lond*, Solicitor

Law School

Head: Professor B. Fitzgerald, BA *Griff*, LLB(Hons) *QUT*, BCL *Oxon*, LLM *Harv*, Barrister (Qld and High Court of Australia)

Professors:

B. Collier, BA LLB *Qld*, LLM *Melb*

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

Associate Professors:

D.A. Butler, LLB (Hons) PhD *QUT*, Solicitor (Qld and High Court of Australia)

S. Kift, LLB *Qld*, LLM *QUT*, Solicitor (Qld & NT), Barrister (NT), Legal Practitioner (High Court of Australia)

L. Willmott, BCom LLB (Hons) *Qld*, LLM *Camb*

Legal Practice

Director: Mr A.J. Chay, LLB LLM *Qld*, Solicitor

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 are 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.

Course Structure

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 to the value of 48 credit points per semester

Full-time Course Structure, Year 2, Semesters 1 & 2

LWR003 48 credit points of research per semester

Full-time Course Structure, Year 3, Semesters 1 & 2

LWR003 48 credit points of research per semester

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 to the value of 24 credit points per semester

Part-time Course Structure, 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 to the value of 24 credit points per semester

Part-time Course Structure, Year 3, Semesters 1 & 2

LWR003 24 credit points of research per semester

Part-time Course Structure, Year 4, Semesters 1 & 2

LWR003 24 credit points of research per semester

Part-time Course Structure, Year 5, Semesters 1 & 2

LWR003 24 credit points of research per semester

Part-time Course Structure, Year 6, Semesters 1 & 2

LWR003 24 credit points of research per semester

■ Master of Justice (Research) (JS52)

Award title: Master of Arts (Justice Studies) (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)

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.

Course structure - M Justice by Coursework

Year 1, Semester 1 (Full-time)

JSN001 Theories Of Justice 1

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 (Full-time)

Choose 2 units from elective list below
and 2 units from major study area (listed further below)

Electives Semester 1

LWN129 Contemporary Issues In Sentencing Law

Electives Semester 2

JSN005 Theories Of Justice 2

JSN007 Independent Study 2

JSN017 Intelligence and Decision Making

Electives Summer Program

JSN014 Law, Justice And New Genetic Technologies

Year 1 Semester 1 Part-time/External

JSN001 Theories Of Justice 1

OR

JSN016 Intelligence, Justice and Accountability

Plus Select one elective

Year 1 Semester 2 Part-time/External

Select 2 electives

Year 2 Semester 1 Part-time/External

Select 2 units from major study area

Year 2 Semester 2 Part-time/External

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 and External

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: Director, Graduate Programs

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.

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

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

Public Law

LWN025 Research Project 1a

LWN030 Dispute Resolution/mediation

LWN035 Medico-Legal Issues

LWN048 Advanced Legal Research

LWN040 Theories Of Justice 1

LWN042 Theories Of Justice 2

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

LWN142 East Asian Legal Systems

LWN144 Contemporary Issues In Child Law

LWN150 Death, Decisions and the Law

LWN152 Law of the European Union

JSN144 Evidence in Organised Crime Investigations

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

2004 Schedule of Units

LWN030 Dispute Resolution/mediation

LWN040 Theories Of Justice 1

LWN042 Theories Of Justice 2

LWN046 Advanced Planning Law

LWN048 Advanced Legal Research

LWN050 Restrictive Trade Practices Law

LWN051 Consumer Protection And Product Liability

LWN060 Environmental Legal System

LWN062 Federal Environmental Law

LWN065 Construction And Engineering Law

LWN075 International Commercial Transactions

LWN083 Estate Planning

LWN093 Borrowers And Secured Lenders - Select Issues

LWN094 Energy Law

LWN095 Native Title Law and Policy

LWN097 Corporate Insolvency

LWN111 Public Law And Government Commercial Activity

LWN113 Law Of Guarantees

LWN115 Human Rights In Australian Law

LWN120 Select Issues In Media Law And Policy

LWN119 Employment Law

LWN125 Electronic Commerce Law

LWN127 Advanced Insurance Law 1

LWN128	Advanced Insurance Law 2
LWN129	Contemporary Issues In Sentencing Law
LWN131	Queensland State Lands: Law And Practice
LWN135	Law, Justice And New Genetic Technologies
LWN139	Privacy Law
LWN144	Contemporary Issues in Child Law
LWN145	Corporate And Investment Regulation
LWN146	International and Comparative Intellectual Property Law (Asia Pacific)
LWN147	Patent Law and Commercialisation
LWN150	Death, Decisions and the Law
LWN151	Select Issues in Property Law
LWN152	Law of the European Union
LWN153	Select Issues in Art, Culture and the Law
JSN144	Evidence in Organised Crime Investigations

■ 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 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 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

Course structure

Full-time course structure

IFN100 48 credit points of research per semester.

Part-time course structure

IFN200 24 credit points of research per semester.

■ 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

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): 24 weeks

Course duration (part-time): 45 weeks

Total credit points: 96

Course coordinator: Allan Chay

Professional Recognition

This diploma satisfies the practical training requirement of the Solicitors Admission Rules (Queensland) (Subject to Solicitors Board approval).

Course structure

Practice Topics

LPP101 Transaction Skills

LPP102 Dispute Resolution Skills

LPP103 Banking And Finance

LPP104 Commercial Law Practice

LPP105 Family And Estates

LPP106 Litigation

LPP107 Property Law Practice

LPP108 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

Advanced Standing

Students who have previously undertaken undergraduate law units at QUT may apply for a maximum of 48 credit points for these units towards the LW70 Graduate Diploma in Legal Studies.

Course structure - Full-time

Semester 1 - Full-time

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 - Full-time

12 credit points - elective

12 credit points - elective

12 credit points - elective

12 credit points - elective

Course structure - Part-time

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: 036433M
Location: Kelvin Grove and External
Course duration (part-time): 1 year
Course duration (external): 1 year
Total credit points: 48
Course coordinator: Dr Belinda Carpenter
Discipline coordinator: Dr Melissa Bull

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.

Course structure

Part-time/External Semester 1
 JSP131 Juvenile Justice
 JSP132 Foundations in Criminology
Part-time/External 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
Course duration (part-time): 1 year
Course duration (external): 1 year part-time
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

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.

Course structure

Full-time 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

Full-time Structure, 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: Select any 2 units from both Semester 1 and 2 Full-time Programs above (total of 48cps)

■ Graduate Certificate in Justice Policy (JS28)

Award title: Graduate Certificate in Justice Policy
Location: Kelvin Grove and External
Course duration (part-time): 1 year
Course duration (external): 1 year
Total credit points: 48
Course coordinator: Dr Belinda Carpenter
Discipline coordinator: Ms Jane Chester

Course Requirements

The Graduate Certificate in Justice Policy consists of four units of twelve credit points each. They comprise: Policy, Governance and Justice, Administrative Justice, Watchdogs: Warriors, Wimps and Witch-hunts and Human Rights and Global Justice.

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.

Course structure

Part-time/External Semester 1
 JSP151 Policy, Governance and Justice
 JSP152 Administrative Justice
Part-time/External 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 and External
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

Course Design

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.

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
- 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

- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN043 Law Of Company Takeovers
- LWN048 Advanced Legal Research
- LWN096 Capital Markets Law
- LWN097 Corporate Insolvency
- LWN022 Banking and Finance Law
- LWN050 Restrictive Trade Practices Law
- LWN051 Consumer Protection And Product Liability
- LWN093 Borrowers And Secured Lenders - Select Issues
- LWN145 Corporate And Investment Regulation

Criminal Justice

- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN048 Advanced Legal Research
- LWN040 Theories Of Justice 1
- LWN042 Theories Of Justice 2
- LWN129 Contemporary Issues In Sentencing Law
- LWN135 Law, Justice And New Genetic Technologies
- JSN144 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

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

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

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

Public Law

- LWN025 Research Project 1a
- LWN030 Dispute Resolution/mediation
- LWN035 Medico-Legal Issues
- 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
- LWN142 East Asian Legal Systems
- LWN144 Contemporary Issues in Child Law
- LWN150 Death, Decisions and the Law

2004 Schedule of Units

- LWN030 Dispute Resolution/mediation
- LWN040 Theories Of Justice 1
- LWN042 Theories Of Justice 2
- LWN046 Advanced Planning Law
- LWN048 Advanced Legal Research
- LWN050 Restrictive Trade Practices Law
- LWN051 Consumer Protection And Product Liability
- LWN060 Environmental Legal System
- LWN062 Federal Environmental Law
- LWN065 Construction And Engineering Law
- LWN075 International Commercial Transactions
- LWN083 Estate Planning
- LWN093 Borrowers And Secured Lenders - Select Issues
- LWN094 Energy Law

LWN095	Native Title Law and Policy
LWN097	Corporate Insolvency
LWN111	Public Law And Government Commercial Activity
LWN113	Law Of Guarantees
LWN115	Human Rights In Australian Law
LWN119	Employment Law
LWN120	Select Issues In Media Law And Policy
LWN125	Electronic Commerce Law
LWN127	Advanced Insurance Law 1
LWN128	Advanced Insurance Law 2
LWN129	Contemporary Issues In Sentencing Law
LWN131	Queensland State Lands: Law And Practice
LWN135	Law, Justice And New Genetic Technologies
LWN139	Privacy Law
LWN144	Contemporary Issues in Child Law
LWN145	Corporate And Investment Regulation
LWN146	International and Comparative Intellectual Property Law (Asia Pacific)
LWN147	Patent Law and Commercialisation
JSN144	Evidence in Organised Crime Investigations
LWN150	Death, Decisions and the Law
LWN151	Select Issues in Property Law
LWN152	Law of the European Union
LWN153	Select Issues in Art, Culture and the Law

■ 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

Advanced Standing

Students who have previously undertaken undergraduate law units at QUT may apply for a maximum of 24 credit points for these units towards the LW65 Graduate Certificate in Legal Studies

Course structure - Full-time (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

Course structure - Part-time

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: 036433M

Location: Kelvin Grove and External

Course duration (part-time): 1 year

Course duration (external): 1 year

Total credit points: 48

Course coordinator: Dr Belinda Carpenter

Discipline coordinator: Mr Michael Barnes

Course Requirements

The Graduate Certificate in Organised Crime and Corruption Investigation consists of four units of twelve credit points each. They comprise: Organised Crime & Corruption; Forensic Investigation Methods and Strategies; Proceeds of Crime and Money Laundering; Evidence in Organised Crime Investigations.

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.

Course structure

Part-time/External Semester 1

JSP141 Organised Crime and Corruption

JSP142 Forensic Investigation Methods and Strategies

Part-time/External 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: 036433M

Location: Kelvin Grove and External

Course duration (external): 1 year

Total credit points: 48

Course coordinator: Dr Belinda Carpenter

Discipline coordinator: Dr Ian Wells

Course Requirements

The Graduate Certificate in Strategic Intelligence consists of four units of twelve credit points each: Fundamentals of Intelligence; Intelligence Research Issues & Methodology; Intelligence & National Security; & Managing Intelligence.

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.

Course structure

Part-time/External Semester 1

JSP161 Fundamentals of Intelligence

JSP162 Managing Intelligence

Part-time/External 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

Course Structure

The Bachelor of Justice (Honours) is a 96 credit-point course. Students complete four (4) prescribed units (48 credit points) and a dissertation (48 credit points). The dissertation calls for students to design, develop and implement a substantial research project. Students can pursue original lines of thought, formulate and test hypotheses, develop problem-solving strategies and make decisions. Students are expected to demonstrate high ethical standards, awareness of sociocultural and equity issues, and professional accountability. Students should contact the Honours Coordinator to discuss thesis and supervisor.

Full-time Course structure

Year 1, Semester 1

JSB411 Theories Of Justice 1

JSB412 Literature Review

JSB413 Colloquium

JSB405 Justice Organisations

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

JSB414/1 Thesis 1

JSB414/2 Thesis 2

Year 2, Semester 1

JSB413 Colloquium

JSB405 Justice Organisations

Year 2, Semester 2

JSB414/3 Thesis 3

JSB414/4 Thesis 4

■ 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

Course Requirements

The course will be offered over 3 years full-time, 6 years part-time and external mode. The course structure consists of 24 units - a total of 288 credit points. Students must complete eight Justice Studies core units (96 credit points) and a primary major comprising six units (72 credit points), to be selected from ONE of three areas of specialisation available in Critical Criminology; Investigations and Policing, and Justice Policy. The remaining ten units (120 credit points) may consist of either a second major of six units (72 credit points) and 4 electives OR 10 elective units selected from the Justice Studies areas of specialisation and electives. Students may enrol in up to four units (48 credit points)

offered outside of the School, which may include up to two units (24 credit points) from another institution, subject to prior approval from the course coordinator.

Course structure

Year 1, Semester 1 (Full-time Course Structure)

JSB131 Framing Social Justice

JSB132 Professional Skills

JSB133 Law And Government

JSB134 Social Ethics And The Justice System

Year 1, Semester 2 (Full-time Course Structure)

JSB135 Unlocking Criminal Justice

JSB136 Forensic Psychology And The Law

JSB137 Politics Of Law

JSB138 Crimes Of Violence

Year 2, Semester 1 (Full-time Course Structure)

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 (International Policing) (JS91)

Award title: Bachelor of Justice (International Policing)

Course duration (external): 3 Semesters

Admission

This course is designed for serving officers of the Singapore Police Force only.

■ 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 Overview

Students study a combination of Justice Studies and Law units in the first three years of the course, whilst the final two years are devoted to the study of Law units only. In the Bachelor of Justice component of the course, students are required to select a major (6 units) from one of the following fields:

- Critical Criminology
- Investigations and Policing
- Justice Policy.

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 students 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.

Course structure - Full-time Program**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

Course structure - Part-time/External Program**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

Course structure - Special Accelerated Full-time Program**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

Course structure - Special Accelerated Part-Time/External Program

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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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 medical sciences, biotechnology, microbiology, bioinformatics 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.

Environmental Science 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. The School also offers courses in medical imaging technology and radiotherapy technology, leading to careers in diagnostic and therapeutic radiography.

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: A.T. Grenfell, BSc(Hons) DipEd PhD *Qld*

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:

R.M. Harding, BSc(Hons), PhD *Qld*

C.P. Morris, BSc(Hons) PhD *Adel*

School of Mathematical Sciences

Head: Professor A.N. Pettitt, BSc(Hons) MSc PhD *Nott*, FSS, MSSAI

Professor: D.L.S. McElwain, BSc(Hons) *Qld*, PhD *York (Canada)*

Associate Professors:

V.V. Anh, BSc(Hons) PhD *Tas*, MEc NE, FAustMS, MSSAI, MIEEE

E.Kozan, BSc, MSc *Middle East*, PhD *Hacettepe*, MASOR

H. MacGillivray, BSc(Hons) PhD *Qld*, MSSAI

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:

P.M. Fredericks, BSc(Hons) DPhil *Sus*, CChem, FRACI

B.J. Thomas, BSc(Hons) PhD *WAust*, MAIP, FACPSEM

R.L.W. Frost, BEd MSc PhD *Qld*

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: Dr Zee Upton

Phone: +61 7 3864 2342

Inorganic Materials

Program Leader: Associate Professor Ray Frost

Phone: +61 7 3864 2407

Medical Physics

Program Leader: Dr 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

Program Leaders: Associate Professor Vo Anh and Associate
Professor Erhan Kozan
Phone: +61 7 3864 5195 or +61 7 3864 1029

Applicable Mathematics and Advanced Computing (AMAC)

Program Leader: Professor Sean McElwain and Dr 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 based at QUT is a cooperative venture between research organisations (QUT, LaTrobe University, CSIRO and Child Health Research Institute) and commercial companies (PANBIO Ltd 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: discovery of new target molecules using array technologies
- 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
- Homogenous Reporter Systems for one-step diagnostic assays

■ Master of Applied Science (Life Science) (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

Professional Recognition

Graduates are eligible to join the AusBiotech, the Australian Society for Biochemistry and Molecular Biology, and the Australian Society for Microbiology.

Course structure - Full-time

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 Research Strategies

JSN014 Law, Justice And New Genetic Technologies

HHB270 Gene Technology And Ethics

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 Research Strategies

LSB607 Protein Purification

MGN409 Introduction to Management

GSN408 Fundamentals of Marketing Management

GSN418 Marketing Strategy Development

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 Research Strategies

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.

Course structure - Part-time

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 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: Assoc Prof 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

LSB142 Human Anatomy and Physiology

PCN113 Radiation Physics

PCN114 Microprocessors and Instrumentation

PCN211 Physics of Medical Imaging

Second Semester

PCN112 Medical Imaging Science

PCN212 Radiotherapy Physics

PCN214 Health and Occupational Physics

PCN218 Research Methodology and Professional Studies

STAGE 2:

Project Over One Semester or Summer Program

PCN520 Project (FT)

Project Over Two Semesters

PCN540 Project (PT)

PCN540 Project (PT)

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 (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: Assoc Prof Brian Thomas

Discipline coordinator: Dr Lucia Pemble

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 Clinical Attachment 1

Semester 2

PCN197 Clinical Attachment 1

PCN356 Ultrasonic Examinations 2

Semester 3

PCN297 Clinical Attachment 2

PCN355 Vascular Ultrasound

PCN357 Advanced Ultrasound Topics

Semester 4

PCN218 Research Methodology and Professional Studies

PCN297 Clinical Attachment 2

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 (FT)

Project Over Two Semesters

PCN540 Project (PT)

PCN540 Project (PT)

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: Assoc Prof Peter Fredericks

Discipline coordinator: Dr Godwin Ayoko (Chemistry); Dr Terry Walsh (Life Sciences); Assoc Prof Vo Anh (Mathematics); Assoc Prof Peter Mather (Natural Resource Sciences); Assoc Prof Brian J Thomas (Physics)

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 (see 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 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

Course structure - 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

Course structure - Life Science Strand

LSN011 Research Seminars in Life Science 1

LSN013 Readings in Life Science 3

LSN023 Research Seminars in Life Science 3

Course structure - Mathematics Strand

Selections from other School programs to a maximum of 60 credit points

Course structure - 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 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 Clinical Attachment 4

Second Semester

PCN259 Cardiac Ultrasound 1
PCN497 Clinical Attachment 4

Third Semester

PCN218 Research Methodology and Professional Studies
PCN359 Cardiac Ultrasound 2
PCN597 Clinical Attachment 5

Fourth Semester

PCN459 Advanced Cardiac Ultrasound
PCN597 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 Project
PCN640-2 Project

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 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 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: Assoc Prof 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 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 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.

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: 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:
MAB111 Mathematical Sciences 1B
MAB112 Mathematical Sciences 1C
MAB621 Discrete Mathematics

Statistics/Statistical Modelling

Postgraduate Mathematics Units:

MAN526 Statistical Science
MAN624 Applied Statistics
MAN765 Bayesian Data Analysis
MAN766 Applied Time Series Analysis
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 Statistical Science
MAN624 Applied Statistics
MAN765 Bayesian Data Analysis
MAN766 Applied Time Series Analysis
MAN769 Mathematics of Finance

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
 MAB380 Introduction to Supercomputing
 MAB481 Visualisation and Data Analysis
 MAB580 Scientific Computation

Recommended:

MAB112 Mathematical Sciences 1C
 Non-Mathematics Prerequisite Units:

ITN600 Programming Principles
 Or

ITB111 Software Development 1
 ITB112 Software Development 2

Mathematics for Secondary Teaching

Postgraduate Mathematics Units:

MAN700 Project

Or other postgraduate mathematics units provided students 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 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: Assoc Prof Peter Fredericks

Discipline coordinator: Dr Godwin Ayoko (Chemistry); Dr Mark O'Brien (Life Science); Assoc Prof Vo Anh (Mathematics); Assoc Prof Peter Mather (Natural Resource Sciences); Assoc Prof Brian Thomas (Physics)

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 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

Course structure - 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

Course structure - Life Science Strand

LSN011 Research Seminars in Life Science 1
 LSN013 Readings in Life Science 3
 LSN023 Research Seminars in Life Science 3

Course structure - Mathematics Strand

Units selected from other programs offered by the School of Mathematical Sciences and approved by the Mathematics coordinator.

Course structure - 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: Assoc Prof 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

LSB142 Human Anatomy and Physiology
 PCN113 Radiation Physics
 PCN114 Microprocessors and Instrumentation
 PCN211 Physics of Medical Imaging

Second Semester

PCN112 Medical Imaging Science
 PCN212 Radiotherapy Physics
 PCN214 Health and Occupational Physics
 PCN218 Research Methodology and Professional Studies

■ 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: Assoc Prof Brian J Thomas

Discipline coordinator: Dr Lucia Pemble

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.

Course structure - Part-time

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 Clinical Attachment 1

Semester 2

PCN197 Clinical Attachment 1
PCN356 Ultrasonic Examinations 2

Semester 3

PCN297 Clinical Attachment 2
PCN355 Vascular Ultrasound
PCN357 Advanced Ultrasound Topics

Semester 4

PCN218 Research Methodology and Professional Studies
PCN297 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 Applied Science (Life Science) - 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 Applied Science (Life Science) - 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.

Course structure - Full-time.**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 Research Strategies
JSN014 Law, Justice And New Genetic Technologies
HHB270 Gene Technology And Ethics
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 Research Strategies
LSB607 Protein Purification
MGN409 Introduction to Management
GSN408 Fundamentals of Marketing Management
GSN418 Marketing Strategy Development

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.

Course structure - Part-time**Year 1, Semester 1**

BSB311 Research, Development and Commercialisation Strategies
Either
LSB509 Medical Biotechnology
Or

LSB577 Plant Biotechnology 1

Year 1, Semester 2

MGN428 Managing New Businesses
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 Clinical Attachment 4

Second Semester

PCN259 Cardiac Ultrasound 1

PCN497 Clinical Attachment 4

Third Semester

PCN218 Research Methodology and Professional Studies

PCN359 Cardiac Ultrasound 2

PCN597 Clinical Attachment 5

Fourth Semester

PCN459 Advanced Cardiac Ultrasound

PCN597 Clinical Attachment 5

Note: The PCN497 and PCN597 clinical attachment units are 2 semester units.

■ 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: Assoc Prof 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 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.

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: 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:

MAB111 Mathematical Sciences 1B

MAB112 Mathematical Sciences 1C

MAB621 Discrete Mathematics

Statistics/Statistical Modelling

Postgraduate Mathematics Units:

MAN526 Statistical Science

MAN624 Applied Statistics

MAN765 Bayesian Data Analysis

MAN766 Applied Time Series Analysis

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 Statistical Science
 MAN624 Applied Statistics
 MAN765 Bayesian Data Analysis
 MAN766 Applied Time Series Analysis
 MAN769 Mathematics of Finance
 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
 MAB380 Introduction to Supercomputing
 MAB481 Visualisation and Data Analysis
 MAB580 Scientific Computation
 Recommended:
 MAB112 Mathematical Sciences 1C
 Non-Mathematics Prerequisite Units:
 ITN600 Programming Principles
 Or
 ITB111 Software Development 1
 ITB112 Software Development 2
Mathematics for Secondary Teaching
 Postgraduate Mathematics Units:
 MAN700 Project
 Or other postgraduate mathematics units provided students 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 can select up to 24 credit points from units offered by the Faculty of Education related to the teaching of mathematics.

■ 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: Assoc Prof Brian J Thomas

Discipline coordinator: Dr Lucia Pemble

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 Clinical Attachment 3

Semester 2

PCN184 Breast Imaging

PCN397 Clinical Attachment 3

Note: The PCN397 clinical attachment unit is a 2 semester unit

■ Graduate Certificate in Lighting (PH62)

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

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.

■ 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: Assoc Prof 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: Assoc Prof Peter Fredericks

Discipline coordinator: Dr John Bartley (Chemistry); Dr Tony Clarke (Ecology); Assoc Prof David Gust (Environmental Science); Dr Gary Huftile (Geology); Dr Terry Walsh (Life Science); Dr Troy Farrell (Mathematics); Assoc Prof Brian Thomas (Physics)

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.

Course structure - Major in Chemistry

Year 1, Semester 1

PCB700 Research Project
PCB700 Research Project
PCB742 Elective Unit
PCB780 Advanced Topics in Chemistry 1

Year 1, Semester 2

PCB700 Research Project
PCB700 Research Project
PCB700 Research Project
PCB780 Advanced Topics in Chemistry 1

Course structure - Major in Ecology, Environmental Science, Geology

Year 1, Semester 1

NRB720 Project
NRB730 Research Methods and Strategies
NRB730 Research Methods and Strategies
NRB735 Advanced Studies in Resource Sciences

Year 1, Semester 2

NRB720 Project
NRB720 Project
NRB720 Project
NRB720 Project

Course structure - Major in Life Science

Year 1, Semester 1

LSB850 Research Strategies
LSB851 Readings in Life Science 1
LSB852 Project

Year 1, Semester 2

LSB850 Research Strategies
LSB851 Readings in Life Science 1
LSB852 Project

Course structure - Major in Mathematics

Year 1, Semester 1

MAN787 Project
36 credit points of elective units selected from the list below*

Year 1, Semester 2

MAN787 Project
MAN787 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 Inference with Financial Applications
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 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.

#The list of mathematics units to be offered is subject to final approval.

Course structure - Major in Physics

Year 1, Semester 1

PCB700 Research Project

PCB700 Research Project

Elective

Elective

Year 1, Semester 2

PCB700 Research Project

PCB700 Research Project

PCB700 Research Project

Elective

Elective List (Physics)

PCB706 Quantum Mechanics

PCB708 Advanced Topics in Physics

PCN112 Medical Imaging Science

PCN113 Radiation Physics

PCN114 Microprocessors and Instrumentation

PCN211 Physics of Medical Imaging

PCN212 Radiotherapy Physics

PCN214 Health and Occupational Physics

PCN716 Advanced Topics In Physics 2

Other units may be chosen in consultation with the Course Coordinator.

■ 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 Al Grenfell

Discipline coordinator: Assoc Prof Rob Harding (Life Sciences - SCB501 only); Dr Alex Anderson (Life Sciences - other units); Dr Graeme Pettet (Mathematics); Assoc Prof 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 - Majors in Chemistry and Physics

Year 1, Summer Program (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 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)

Course structure - Majors in Biochemistry, Biotechnology and Microbiology

Year 1, Summer Program (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 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)

Course structure - Major in Mathematics

Year 1, Summer Program (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 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

Course duration (full-time): 3 years

Course duration (part-time): 6 years

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 Alex Anderson (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 Bruce Cornish (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/comajor 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 - Major in 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

Course structure - Major in Biotechnology**First Level Units - Semester 1**

MANDATORY UNITS:

LSB118 Life Science
PLUS EITHER:
MAB101 Statistical Data Analysis 1
Or

MAB105 Preparatory Mathematics
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
MAB101 Statistical Data Analysis 1

Or
NRB240 History of Life on Earth

Or
PYB102 Introduction to Psychology 1b

Second Level Units - Semester 1

MANDATORY UNITS:

LSB308 Biochemistry
LSB328 Microbiology 1

OPTIONAL UNITS:
LSB338 Cell and Molecular Biology 2

LSB397 Plant Physiology

Second Level Units - Semester 2

MANDATORY UNIT:

LSB468 Molecular Biology
PLUS EITHER:

LSB408 Metabolism

LSB497 Plant Molecular Biology

LSB605 Protein Engineering and Bioprocessing

Third Level Units - Semester 1

MANDATORY UNIT:

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

Course structure - Major in Chemistry**First Level Units - Semester 1**

MANDATORY UNITS:

PCB101 Physical Science
PCB142 Chemistry 1

PLUS EITHER:

MAB100 Mathematical Sciences 1A
(For students WITHOUT an SA or better in Senior Maths C; Students WITH a grade of HA or better in Senior Maths C should enrol in

MAB111 Mathematical Sciences 1B)
Or

MAB105 Preparatory Mathematics
(For students without a grade of SA or better in Senior

Mathematics B)
PLUS EITHER:

LSB118 Life Science

Or

NRB100 Environmental Science

First Level Units - Semester 2

MANDATORY UNITS:

MAB101 Statistical Data Analysis 1
PCB242 Chemistry 2

PLUS TWO OTHER UNITS - FOR EXAMPLE:

MAB111 Mathematical Sciences 1B

PCB200 Chemical Technology 1

PCB260 Physics 1A

PYB012 Psychology

Second Level Units - Semester 1

MANDATORY UNITS:

PCB305 Principles of Physical Chemistry

PCB354 Synthesis and Reactivity 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

PCB644 Frontiers in Chemistry

Course structure - Major in 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:

NRB311 Population Ecology

NRB312 Experimental Design

Second Level Units - Semester 2

MANDATORY UNITS:

NRB410 Genetics and Evolution

NRB411 Ecological Methods

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

Course structure - Major in 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:
 NRB300 Environmental Monitoring
 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:
 NRB400 Environmental Systems
 NRB440 Environmental Chemistry

Third Level Units - Semester 1

MANDATORY UNITS:
 NRB500 Environmental Modelling
 NRB501 Mapping and Modelling of Natural Resource Data

Third Level Units - Semester 2

MANDATORY UNITS:
 NRB600 Issues in Environmental Management
 With Geoscience Co-major:
 NRB672 Marine and Freshwater Ecosystems
 With all other co-majors:
 NRB633 Hydrogeology

Course structure - Forensic Science Major with Biotechnology Major**Year 1, Semester 1**

LSB118 Life Science
 MAB101 Statistical Data Analysis 1
 PCB101 Physical Science
 PCB142 Chemistry 1

Year 1, Semester 2

LSB238 Cell and Molecular Biology 1
 NRB270 Animal and Plant Structure and Function
 PCB242 Chemistry 2
 (First level unit)

Year 2, Semester 1

LSB308 Biochemistry
 LSB338 Cell and Molecular Biology 2
 LSB3xx (Life Sciences elective since LSB338 is included in both majors)
 SCB384 Crime Scene and Forensic Science

Year 2, Semester 2

JSB937 Forensic Scientific Evidence
 LSB468 Molecular Biology
 LSB4xx (LSB unit selected according to major requirements)
 PCB414 Industrial and Environmental Analytical Chemistry

Year 3, Semester 1

LSB537 Genetic Engineering
 LSB5xx (LSB unit selected according to major requirements)
 PCB514 Instrumental Analysis
 PCB584 Forensic Examination of Physical Evidence

Year 3, Semester 2

LSB684 Forensic DNA Profiling
 LSB6xx (LSB unit selected according to major requirements)
 LSB6xx (LSB unit selected according to major requirements)
 PCB684 Forensic Analysis and Toxicology

Course structure - Forensic Science Major with Chemistry Major**Year 1, 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

LSB338 Cell and Molecular Biology 2
 PCB305 Principles of Physical Chemistry
 PCB354 Synthesis and Reactivity 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

Course structure - Major in 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:
 MAB100 Mathematical Sciences 1A
 NRB240 History of Life on Earth
 OPTIONAL UNITS:
 PCB140 Introductory Chemistry
 Or
 PCB142 Chemistry 1

Second Level Units - Semester 1

MANDATORY UNITS:
 NRB331 Sedimentary Geology
 NRB333 Mineralogy
 OPTIONAL UNIT:
 NRB300 Environmental Monitoring

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

Course structure - Major in 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 1 OR 2 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 1 OR 2 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
 MAB380 Introduction to Supercomputing
 MAB413 Differential Equations
 MAB414 Applied Statistics 2
 MAB420 Computational Mathematics 2
 MAB422 Mathematical Modelling

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
 MAB681 Advanced Visualisation and Data Analysis

Course structure - Major in Microbiology

First Level Units - Semester 1

MANDATORY UNIT:
 LSB118 Life Science
 PLUS EITHER:

MAB101 Statistical Data Analysis 1

Or

MAB105 Preparatory Mathematics

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:

LSB258 Principles of Human Physiology

Or

MAB101 Statistical Data Analysis 1

Or

NRB240 History of Life on Earth

Or

PYB102 Introduction to Psychology 1b

Second Level Units - Semester 1

MANDATORY UNITS:

LSB308 Biochemistry

LSB328 Microbiology 1

OPTIONAL UNITS:

LSB338 Cell and Molecular Biology 2

LSB358 Physiology 1

Second Level Units - Semester 2

MANDATORY UNIT:

LSB428 Microbiology 2

OPTIONAL UNITS:

LSB408 Metabolism

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 2 units from:

LSB628 Food Microbiology

LSB647 Clinical Mycology and Parasitology

LSB648 Molecular Microbiology

Course structure - Major in 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	LSB578	Virology
PCB200	Chemical Technology 1	LSB605	Protein Engineering and Bioprocessing
PCB242	Chemistry 2	LSB607	Protein Purification
PCB250	Physics 1	LSB608	Protein Science
PCB260	Physics 1A	LSB609	Medical Biotechnology 2
	Elective First Year Units:	LSB619	Genomics & Bioinformatics
ITB111	Software Development 1	LSB628	Food Microbiology
ITB650	Computational Intelligence	LSB647	Clinical Mycology and Parasitology
MAB105	Preparatory Mathematics	LSB648	Molecular Microbiology
PYB012	Psychology	LSB657	Perspectives in Life Science
SCB222	Exploration of the Universe	LSB658	Clinical Physiology
Second Level Units			
JSB937	Forensic Scientific Evidence	LSB677	Plant Biotechnology 2
LSB308	Biochemistry	LSB698	Molecular Pathogenesis 2
LSB309	Introduction to Intellectual Property Law	MAB521	Applied Mathematics 3
LSB328	Microbiology 1	MAB522	Computational Mathematics 3
LSB338	Cell and Molecular Biology 2	MAB523	Introduction to Quality Management
LSB358	Physiology 1	MAB524	Statistical Inference
LSB397	Plant Physiology	MAB525	Operations Research 3A
LSB408	Metabolism	MAB526	Statistical Science 3
LSB428	Microbiology 2	MAB580	Scientific Computation
LSB438	Immunology 1	MAB613	Partial Differential Equations
LSB458	Physiology 2	MAB621	Discrete Mathematics
LSB468	Molecular Biology	MAB623	Financial Mathematics
LSB497	Plant Molecular Biology	MAB624	Applied Statistics 3
MAB134	Electrical Engineering Mathematics 3	MAB625	Operations Research 3B
MAB311	Advanced Calculus	MAB640	Industry Project
MAB312	Linear Algebra	MAB672	Advanced Mathematical Modelling
MAB313	Mathematics of Finance	MAB681	Advanced Visualisation and Data Analysis
MAB314	Statistical Modelling 2	NRB500	Environmental Modelling
MAB315	Operations Research 2	NRB501	Mapping and Modelling of Natural Resource Data
MAB380	Introduction to Supercomputing	NRB510	Population Genetics
MAB413	Differential Equations	NRB511	Population Management
MAB414	Applied Statistics 2	NRB533	Advanced Geological Mapping
MAB420	Computational Mathematics 2	NRB534	Geophysics
MAB422	Mathematical Modelling	NRB535	Geology of Fossil Fuels
MAB481	Visualisation and Data Analysis	NRB536	Petrology and Geochemistry
NRB300	Environmental Monitoring	NRB572	Terrestrial Ecosystems
NRB311	Population Ecology	NRB600	Issues in Environmental Management
NRB312	Experimental Design	NRB610	Ecological Applications
NRB331	Sedimentary Geology	NRB611	Conservation Biology
NRB333	Mineralogy	NRB633	Hydrogeology
NRB370	Invertebrate Biology	NRB635	Plate Tectonics and Advanced Structural Geology
NRB371	Plant Biology	NRB636	Stratigraphy and Basin Analysis
NRB400	Environmental Systems	NRB672	Marine and Freshwater Ecosystems
NRB410	Genetics and Evolution	PCB505	Advanced Physical Chemistry
NRB411	Ecological Methods	PCB514	Instrumental Analysis
NRB434	Structural Geology and Field Methods	PCB524	Unit Operations
NRB436	Introduction to Igneous and Metamorphic Petrology	PCB548	Medical Physics
NRB437	Stratigraphy and Depositional Environments	PCB554	Synthesis and Reactivity in Organic Chemistry
NRB440	Environmental Chemistry	PCB561	Quantum and Condensed Matter Physics
NRB470	Vertebrate Biology	PCB562	Physical Methods of Analysis
PCB305	Principles of Physical Chemistry	PCB584	Forensic Examination of Physical Evidence
PCB314	Concepts in Analytical Chemistry	PCB593	Digital Image Processing
PCB354	Synthesis and Reactivity in Organic Chemistry	PCB604	Project
PCB361	AC Theory and Electronics	PCB614	Advanced Analysis
PCB362	Physics 2	PCB624	Chemistry in Industry and Technology
PCB404	Scientific Principles of Safety	PCB634	Organometallic and Coordination Chemistry
PCB414	Industrial and Environmental Analytical Chemistry	PCB644	Frontiers in Chemistry
PCB434	Inorganic Chemistry	PCB648	Applied Radiation and Health Physics
PCB444	Spectroscopy	PCB661	Experimental Physics
PCB460	Instrumentation and Computational Methods	PCB665	Physics 3
PCB462	Thermodynamics and Solid State Physics	PCB669	Astrophysics 2
PCB469	Astrophysics 1	PCB684	Forensic Analysis and Toxicology
SCB100-1	Cooperative Education	SCB501	Research Project for Dean's Scholars
SCB100-2	Cooperative Education	SCB601	Perspectives In Science
SCB301	Science for Dean's Scholars		
SCB302	Tutorial Program For Dean's Scholars		
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		

■ 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.

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
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 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.

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 - Major in 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
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 (Environmental Science) (SC01)

Award title: Bachelor of Applied Science (Environmental Science)

CRICOS code: 003502J

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 Megan Hargreaves

Discipline coordinator: Mr Graham Kimber

Professional Recognition

Graduates are eligible for membership of the Environment Institute of Australia and New Zealand.

Course Design

The course structure comprises a core of six introductory science units, the Environmental Science major of eight advanced level units, a co-major of six advanced level units, and four units of complementary material.

The foundation units develop a strong basis on which the more advanced studies that constitute the Environmental Science major are based. This course includes laboratory and fieldwork, with an emphasis on problem solving through project work.

Students' co-major study may be selected from an approved area of study within the University. The recommended co-major that is offered at the Carseldine campus is Geography and Environmental Studies.

Level 1 Units (The specific units to be offered on the Carseldine campus will depend on enrolments)**Semester 1**

HHB127	Environment And Society
LSB118	Life Science
MAB101	Statistical Data Analysis 1
NRB100	Environmental Science
PCB101	Physical Science

Semester 2

MAB105	Preparatory Mathematics
NRB230	Planet Earth
NRB270	Animal and Plant Structure and Function
PCB140	Introductory Chemistry

Required Units for the Environmental Studies Co-major at Carseldine**Environmental Studies**

HHB107	World Regions
HHB228	Environmental Hazards
HHB250	Australian Geographical Studies
HHB269	Ethics, Technology And The Environment
HHB312	Geographical Research Design
PSB655	Remote Sensing

First, Second and Third Level Units

Note: The specific units to be offered on the Carseldine campus will depend on enrolments. Any units not offered at Carseldine may be undertaken at Gardens Point campus.

First Level Units

HHB127	Environment And Society
LSB118	Life Science
MAB101	Statistical Data Analysis 1
MAB105	Preparatory Mathematics
NRB100	Environmental Science
NRB230	Planet Earth
NRB270	Animal and Plant Structure and Function
PCB101	Physical Science
PCB140	Introductory Chemistry
PYB007	Interpersonal Processes and Skills
PYB012	Psychology

Second and Third Level Science Units

NRB300	Environmental Monitoring
NRB311	Population Ecology
NRB400	Environmental Systems
NRB440	Environmental Chemistry
NRB500	Environmental Modelling
NRB501	Mapping and Modelling of Natural Resource Data
NRB600	Issues in Environmental Management
NRB633	Hydrogeology

Units in the Environmental Studies Co-major

HHB107	World Regions
HHB228	Environmental Hazards
HHB250	Australian Geographical Studies
HHB269	Ethics, Technology And The Environment
HHB312	Geographical Research Design

■ 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 Semester 3 of the program as one of the requirements for the unit LSB480 Professional Practice.

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.

Course structure - Full-time**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

Course structure - Part-time**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
 LSB665 Immunohaematology

■ Bachelor of Applied Science Innovation (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)

Professional Recognition

Graduates can expect to be admitted to the professional association related to the major they choose. Relevant associations include AusBiotech Ltd, the Australian Society for Biochemistry and Molecular Biology, the Royal Australian Chemical Institute and the Australian Mathematical Society.

Course Design

The Bachelor of Applied Science Innovation is a bachelor-level degree of three years' duration. It is designed to give students a full range of practical and theoretical skills in the science major chosen from Bioinformatics, Chemical Technology, or Scientific Computation and Visualisation. It also equips students with sound business and information technology capabilities related to innovation and the commercialisation of scientific discoveries, enabling students to recognise the worth of scientific innovation and employ business and management skills to contribute to developing discoveries into viable ventures.

Science Major (96 credit points)

Eight units at advanced level, including at least four units at third level, constituting one of the majors:

- Bioinformatics;
- Chemical Technology;
- Scientific Computation and Visualisation

Science Supporting Units (84 credit points)

- One mandatory science unit (MAB101 Statistical Data Analysis 1); and
- Six science units that support the advanced level units constituting the major

Business and Information Technology core units (72 credit points)

Six specific subjects that introduce business, innovation, communication, and information technology:

- AMB251 Innovation and Market Development
- BSB126 Marketing
- ITB111 Software Development 1*
- ITB115 Introduction to Databases

- ITB116 Professional Studies 1

Either

- MGB218 Venture skills

Or

- MGB223 Creating New Enterprises

Elective streams (one to be chosen) (36 credit points)

- Applicable Computing: Three approved units chosen from the Bachelor of Information Technology course and/or the supercomputing program
- Commercialisation: LSB309 Introduction to intellectual property law; and two approved units from the Bachelor of Business course
- Scientific project: Project: Scientific project unit (eg PCB604 Project; MAB640 Industry Project) 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

*ITB650 Computational Intelligence is offered as a substitute unit for Bachelor of Applied Science Innovation students in the Chemical Technology major who do not wish to undertake the Applicable Computing stream.

Course structure - Major in 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

Note: Applicable Computing (3 information technology/supercomputing units) is incorporated as the elective stream in the Bioinformatics major

Course structure - Major in 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 Synthesis and Reactivity 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

Course structure - Major in 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

COMPUTATIONAL MATHEMATICS EMPHASIS:

MAB312 Linear Algebra
 MAB420 Computational Mathematics 2
 MAB522 Computational Mathematics 3
 MAB621 Discrete Mathematics

■ Bachelor of Applied Science/Bachelor of Mathematics (SC20)

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, 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
 Other Level 2 units:
 LSB338 Cell and Molecular Biology 2
 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
 Other Level 2 units:
 LSB328 Microbiology 1
 LSB397 Plant Physiology
 LSB408 Metabolism
 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 Synthesis and Reactivity 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

- NRB311 Population Ecology
 NRB312 Experimental Design
 NRB410 Genetics and Evolution
 NRB411 Ecological Methods

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:
 NRB230 Planet Earth
 NRB270 Animal and Plant Structure and Function

Level 2

- NRB300 Environmental Monitoring
 NRB311 Population Ecology
 NRB400 Environmental Systems
 NRB440 Environmental Chemistry

Level 3

- NRB500 Environmental Modelling
 NRB501 Mapping and Modelling of Natural Resource Data
 NRB600 Issues in Environmental Management
 NRB633 Hydrogeology

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

Other Level 1 units:

MAB131 Engineering Mathematics 1A

MAB132 Engineering Mathematics 1B

MAB134 Electrical Engineering Mathematics 3

PCB107 Physics and Quantitative Techniques

PCB250 Physics 1

PCB260 Physics 1A

Level 2

PCB361 AC Theory and Electronics

PCB362 Physics 2

PCB460 Instrumentation and Computational Methods

PCB462 Thermodynamics and Solid State Physics

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

MAB380 Introduction to Supercomputing

MAB420 Computational Mathematics 2

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 Biotechnology Innovation
 (Extended) (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

Course coordinator: Dr 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 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) (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

Course coordinator: Dr 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 Biotechnology Research Project
 LSB709/2 Biotechnology Research Project
 LSB709/3 Biotechnology Research Project

■ Bachelor of Mathematics (MA54)

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

Course coordinator: Dr 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
 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
 MAB380 Introduction to Supercomputing
 MAB420 Computational Mathematics 2
 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

Other Level 3 Units:

MAB681 Advanced Visualisation and Data Analysis
 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.

Section Three – Course Information

International College

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OVERVIEW

QUT International College (QUTIC) provides a variety of programs primarily for international students who seek to bridge their studies to higher education courses at QUT and other Australian universities.

The International College is an integral part of QUT. It contributes to the internationalisation of the University through the delivery of University Entry Programs and English Language Programs which prepare international students for undergraduate and postgraduate study at QUT.

The College provides a variety of pathways to meet the varying needs of students. These include English Language, Foundation, Bridging, Diploma and Postgraduate Pathway programs. Students receive high quality tuition and support in small classes and, at the same time, enjoy 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 Charles Sturt

Director of Studies, University Entry Programs: Ms Luciana Niven, MBA GradDipLing GradDipReading Griff

Senior Administration Coordinator, University Entry Programs: Mrs B. Hosegood, BA (ACS) Griff, ATEM

Director of Studies, English Language Programs: Mr Ian McGregor, MEd(TESOL) NE, PGDipSocSci Qld, GradDipEd BA Griff

Administration Officer, English Language Programs: Ms M. McGrath, AssDip(Bus) RMIT

■ 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: Luciana Niven

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).

Description

This program provides two alternative streams. Stream A is designed for students who have not met English and/or prerequisite requirements for their chosen undergraduate or postgraduate course. Most students may undertake one degree unit (for credit) whilst enrolled in a Bridging program. Those with advanced standing may be able to undertake two degree units. Stream B is for students who have met English requirements but not prerequisite requirement for their degree, or who may wish to improve the standard of their academic English. These students may take one or two degree units (for credit) whilst enrolled in the Bridging Program. Both streams include intensive preparation for academic language, lateral thinking, research and presentation skills required for successful tertiary study. Small classes and dedicated staff ensure an excellent learning environment. Additional support is provided by Language and Welfare Advisers.

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 the Office of International Students.

Full-time course structure

Stream A # (for those with IELTS 6.0)

QCD110 Communication For Business 1
OR

QCD120 Communication For Information Technology 1
QCD210 Communication For Business 2

OR
QCD220 Communication For Information Technology 2
QCS230 Computing
DEGREE UNIT

Stream B (for those with IELTS 6.5)

QCD110 Communication For Business 1
OR

QCD120 Communication For Information Technology 1
QCD210 Communication For Business 2

OR
QCD220 Communication For Information Technology 2
DEGREE UNIT One
DEGREE UNIT 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 - 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

Entry requirements*

To be eligible for entry, applicants must either:

1. Have an offer of a place in a QUT Foundation or Diploma program and successfully complete the relevant EAP entry test; or
2. Produce original documentary evidence of an IELTS score of a minimum 5.0 with reading and writing sub-score of at least 5.0 (or approved equivalent).

*You should check English language requirements for a Student Visa from your country of origin.

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

QCE004 EAP for Diploma & Foundation Programs
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: Luciana Niven

Entry Requirements - English Language

IELTS 6.0 with no sub-score less than 5.5 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

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
 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 One**

QCF212 Communication 2
 QCF211 Tertiary Preparation Studies 2
 QCF256 Mathematics A2
 OR
 QCF257 Mathematics B2
 + TWO ELECTIVES from the following list
 QCF220 Accounting 2
 QCF221 Economics 2
 QCF253 Physical Sciences 2
 QCF210 Applied Psychology
 QCF230 Information Processing
 QCF122 Organisations And Management
 QCF252 Life Science
 QCF240 Legal Studies
 NB 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: Luciana Niven

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 first year of a QUT degree :

- i) fulfil the Foundation course requirements,
- ii) obtain a grade of 5 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
 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.

Course Structure**Semester One**

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
 QCF153 Physical Sciences 1
 QCF122 Organisations And Management
 QCF252 Life Science
 QCF240 Legal Studies
 NB QCF252 and QCF240 are only offered in ALTERNATE semesters

Semester Two

QCF212 Communication 2
 QCF211 Tertiary Preparation Studies 2
 QCF256 Mathematics A2
 OR
 QCF257 Mathematics B2
 +TWO ELECTIVES from the following list
 QCF220 Accounting 2
 QCF221 Economics 2
 QCF253 Physical Sciences 2
 QCF210 Applied Psychology
 QCF230 Information Processing
 QCF122 Organisations And Management
 QCF252 Life Science
 QCF240 Legal Studies
 Approved diploma units (Business, IT or Professional Communication students only)
 NB QCF252 and QCF240 are only offered in ALTERNATE semesters

■ General English (QC20)

CRICOS code: 011426E

Location: Kelvin Grove

Course duration (full-time): 5 weeks

Total credit points: 20

Course coordinator: Ian Davies

Progression

Progress is monitored on a student profile which is created for each student over the length of the course. All assessment results (formative/summative/diagnostic) are recorded.

Course structure**General English**

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

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. (NB Students should also check visa requirements).

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

BSD114 Government, Business and Society
 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).

Course Completion

Students must obtain at least a grade of 4 (Pass) in seven units and a grade of 3 (Low pass) in the remaining unit.

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 One

ITD111 Software Development 1
 ITD113 Systems Architecture
 ITD115 Introduction to Databases
 QCD120 Communication For Information Technology 1

Semester Two

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 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 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)

Full-time course structure

Semester One

KKD018 Creative Industries
 KKD218 Creativity
 BSD126 Marketing
 QCD110 Communication For Business 1

Semester Two

KKD618 Writing For Creative Industries
 AMD201 Market and Audience Research
 QCD210 Communication For Business 2
 Business Elective

Business Electives

BSD110 Accounting
 BSD113 Economics
 BSD114 Government, Business and Society
 BSD115 Management, People and Organisations
 BSD119 International and Electronic Business

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■ Graduate Certificate in Creative Industries (IF01).....	314
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■ Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Accountancy, Banking and Finance, Economics or Marketing) (IF62).....	315
■ Bachelor of Applied Science (in Human Movement Studies)/Bachelor of Business (Advertising, Human Resource Management, International Business, Management or Public Relations) (IF62)	318
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Introduction

The main purpose of 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 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 her/his 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/Res Con, Head of School, 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 Office of Research until the thesis is submitted for examination or until the candidature is terminated, after which time the candidate holds the status of 'Under Examination'.

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 which is 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 or (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 his or her study 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 his or her study whilst physically attending a campus of QUT.

2.13 Masters by coursework means a master's degree, which has a research component comprising less than 66% of the total course of study.

2.14 Masters by research means a master's degree, which has a research component comprising 66% or more of the total course of study.

2.15 Prescribed Form means the relevant form found via the Research Students Section of the QUT Office of Research Home Page.

2.16 Professional Doctorate (Research) means a doctoral degree at QUT, which has a significant formal coursework component, which is no more than 33% of the total course of study.

2.17 Recognised institution means any tertiary education institution accepted by the Research Degrees Committee for the purposes of these Regulations.

2.18 Research centre/research concentration means the relevant research centre/research concentration of QUT.

2.19 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.

2.20 School means the relevant school of QUT.

2.21 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, an appropriate masters degree (by research or coursework), or a professional doctorate, from a recognised institution.

3.2 Masters degrees by coursework and 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 Section 13.2).

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 (if the applicant holds citizenship or permanent residency in Australia or New Zealand);
- Application for Admission to QUT as an International Candidate Form F (if the applicant is an international candidate);
- personal data;
- details of relevant professional research experience;
- the proposed field of study;
- brief (200-300 words) outline of the project to be undertaken;
- the centre/research concentration 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;
- 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;
- the proposed supervisors and their credentials; and
- an Intellectual Property Agreement if 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 shall confirm to the Research Degrees Committee:

- that the applicant's proposed topic of research is consistent with the aims and objectives of the centre/research concentration; and
- that the centre/research concentration 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'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' Section, Office of Research (ref. Section 9).

5.5 The Research Degrees Committee may cancel 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 his/her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (ref. Section 8); 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 supervisor and 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 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 her/his 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 Office of Research for consideration by the Research Degrees Committee, which may set conditions for readmission to the course.

5.7 Normally, PhD candidates must be affiliated with a centre/or research concentration, which is appropriate to the planned research program. Sole supervisors may be approved by University Research Committee under the terms included in MOPP Appendix 35 [1].

5.8 It is the faculty's responsibility to ensure that candidates are affiliated with the appropriate centre/research concentration. Once the candidate is enrolled, he/she cannot transfer to another centre/research concentration without faculty endorsement, which must incorporate advice from the relevant Centre Directors, and Research Degrees Committee approval. Reasons for transfer include:

- the centre/research concentration ceases to exist;
- the centre/research concentration cannot continue to provide the necessary supervision and/or support;
- the Principal Supervisor transfers to another centre/research concentration, faculty or institution; and
- the candidate asks to be transferred with supportable justification.

Any request for transfer must be made on the prescribed 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 and publication;
- regular interaction with supervisors;
- a program of supervised research and investigation; and must be such as to 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 6.3 will comprise not more than one third 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, her/his 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.

7. Transfer of Candidature from other Research Degrees

7.1 Internal Applicants From Within QUT

7.1.1 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 entry into 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 transfer must be made on the prescribed form (the Confirmation of Candidature form) and returned to the Office of Research, 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 transfer 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), a transfer normally will 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 program or professional doctorate (research) may be carried forward to the PhD program.

7.1.3 Applications to transfer into the PhD shall be made on the prescribed form and submitted via the faculty committee, to the Research Degrees Committee for consideration. Such application shall consist of:

- required administrative details;
- reasons for transfer;
- 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 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 shall first review the candidate's progress and planned research program and append to the Application for Transfer, 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/research concentration; and
- an agreement that the centre/research concentration is willing and able to provide the accommodation, facilities and physical and human resources for the duration of the study.

7.2.4 In considering the application for Transfer of Candidature, 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 accommodation, equipment and access to library and computing 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 his/her 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 of the application process or prior to the requested transfer to external status, must provide written evidence 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 is available at the external establishment or an explanation as to why this is unnecessary is given;
- 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 candidature is provided; and

In exceptional circumstances the candidate, Principal Supervisor and Centre Director 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 to make adequate arrangements.

9. Period of Time for Completion of Planned Research Program

9.1 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.

9.2 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

9.3 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 Office of Research, through the faculty committee, for consideration by the Research Degrees Committee.

9.4 A candidate must submit his/her thesis to the Research Students' Section, Office of Research, for external examination no later than the maximum candidature date.

9.5 A candidate who does not expect to submit her/his thesis by the maximum candidature date must apply for an extension on the prescribed form and returned to the Office of Research, through the faculty committee, for consideration by the Research Degrees Committee prior to the expiry of her/his maximum candidature date. The application must include the reasons for the delay, the written endorsement of the Principal Supervisor 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).

9.6 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.

9.7 A candidate who wishes to take leave of absence for a specified period from his/her PhD program must apply in advance on the prescribed form and return it to the Office of Research, 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.

9.8 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 his/her 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.

9.9 A candidate who remains not currently enrolled for a period greater than twelve months will be deemed to have ceased his/her program of study and his/her 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 master degree.

9.10 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 the Principal Supervisor. 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 for Postgraduate Research Studies and Supervision (see MOPP Appendix 66)

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. 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 must be appointed from an establishment formally collaborating on a research project.

10.5 For a candidate studying externally, an Associate Supervisor from the external institution linked to the project will normally be appointed. In such cases there will be no requirement for a QUT based Associate Supervisor as Centre Director would be considered as ex-officio associate.

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. Reporting dates shall be tied to the candidate's commencement date. Reports shall be signed by both the candidate and by the Principal Supervisor and submitted through the faculty committee, Head of School and director of the centre/research concentration to the Office of Research 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.

11.5 After the Review Period the Faculty Research 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 master (research).

12. Confirmation of Candidature

12.1 Within twelve months of admission for full-time candidates and twenty-four months for part-time candidates, eighteen months for International Candidates, the candidate shall present (in consultation with her/his 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/research concentration, 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 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.

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 to the Research Degrees Committee. Normally, a maximum of three months extension may be granted.

12.4 The faculty 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 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/research concentration; and
 - a report on the candidate's seminar.

12.5 Candidates who are undertaking confirmation in order to transfer from a masters by research or a professional doctorate (research) at QUT must complete the confirmation process and should refer to 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
- if the recommendation of the faculty 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 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 Seminar, 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/research concentration, the Head of School, chair of the appropriate faculty committee or dean as appropriate and be forwarded within fourteen days to the Office of Research for noting by the Director, Postgraduate Research Studies.

12.8 Where a candidate's progress remains unsatisfactory after the Review Period the Research Degrees Committee, on advice from the faculty, shall either grant a further extension of the Review Period of up to three months or, after giving the candidate the opportunity to show why one of the following courses of action should not be taken:

- terminate the candidature with an offer of admission to the degree of master, 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 Council, including any accompanying declarations and in accordance with Appendix 51 of the Manual of Policies and Procedures - Requirements for Presenting Theses (see MOPP Appendix 51) 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 (see MOPP Appendix 22 - 3.1) 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 the Section 14.

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.

13.11 A candidate's name will not be placed on the list for graduation until the final copy of the thesis is received in the Research Students' Section, Office of Research.

13.12 A candidate who passes but is required to make revisions to the thesis after external examination must lodge the final copy of the thesis with the Research Students' Section, Office of Research, 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 the final copy of the thesis has been lodged with the Research Students' Section, Office of Research, 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 Introduction

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 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 Council, including any accompanying declarations and in accordance with MOPP Appendix 51.

15. Presentation of PhD Theses by Creative Works

15.1 Introduction

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 Council, including any accompanying declarations and in accordance with MOPP Appendix 51.

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 an additional 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 may not be nominated by the faculty as an examiner. (refer to MOPP Appendix 9 _ QUT Code of Conduct _ Integrity _ section (e))

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 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.

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 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.

16.9 The thesis must be accompanied by a certificate endorsed by 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 within the prescribed word limit;
- the candidate has presented a Final Seminar;
- that an external candidate has spent at least three months minimum at QUT during the course of his/her enrolment; and
- 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.

16.10 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 (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.

16.11 Three copies of the thesis, in the prescribed format must be submitted to the Research Students' Section, Office of Research, no later than the maximum candidature date.

16.12 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 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 Office of Research 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 Office of Research 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 Postgraduate Studies coordinator 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 7 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 outcome 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.

18.2 Upon receipt of the third examiner's report, a majority decision shall be adopted.

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 fail, 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, Postgraduate Research Studies, 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 Centre Director 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 his/her 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 RDC 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 Office of Research 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 Pro-Vice-Chancellor (Research and Advancement). The Director, Postgraduate Research Studies, will determine whether a potential conflict of interest exists in relation to her/his consideration of the appeal.

20.5 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.

20.6 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.

20.7 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: the thesis be re-examined. This re-examination shall be carried out in accordance with the Section 19 taking account of the issues raised in the successful appeal.

20.8 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.

■ Master of Advertising (Creative Advertising/Strategic Advertising) (IF96)

Award title: Master of 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: Dr Terry Flew (Creative Industries); Ms Lyn Simpson (Business)

Course Design

All students must complete eight compulsory units (96 credit points), and four approved elective units (48 credit points).

Course Structure Creative Advertising (Study Area A) - Full-time

Year 1, Semester 1

AMN420 Advertising Management
 AMN421 Contemporary Issues in Advertising
 KCP360 Advertising Creative: Introduction
 KCP362 Advertising Creative: Copywriting and Art Direction

Year 1, Semester 2

KCP361 Advertising Creative: Electronic and Print Media
 AMN400 Consumer Behaviour
 OR
 KVP100 Graphic Design
 Elective Unit
 Elective Unit

Year 2, Semester 1

KKN600 Advertising Creative: Major Project
 Elective Unit
 Elective Unit

Course Structure Creative Advertising (Study Area A) - Part-time

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 unit

Year 3, Semester 1

KKN600 Advertising Creative: Major Project

Year 3, Semester 2

Elective Unit
 Elective Unit

Creative Advertising Electives

Students may either choose electives from the following list of suggested units or consult with the course coordinator for approval for other units.

KIN816 Information Design
 KIN817 Project Management

KIN818 Digital Media
 KIN819 Electronic Publishing
 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
 KPB371 Advanced Principles of Television
 KPB372 Televisual Formats
 KVB509 Photomedia and Artistic Practice
 KVB703 Video Art and Culture
 KWB111 Media Writing
 KWB315 Persuasive Writing
 KWB314 Corporate Writing and Editing
 KWB370 Electronic Creative Writing
 * Subject to course coordinator approval

Course Structure Strategic Advertising (Study Area B) - Full-time

Year 1, Semester 1

AMN400 Consumer Behaviour
 or
 AMN420 Advertising Management
 AMN422 Media Strategy
 KCP360 Advertising Creative: Introduction
 KCP361 Advertising Creative: Electronic and Print Media

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

Course Structure Strategic Advertising (Study Area B) - Part-time

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

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 Design

This double degree combines the core course structure of the Master of Business Administration (MBA) (GS30) 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 - Non-IT Graduates

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

Business Units

The following sixteen (16) business units must be completed:

GSN401 Managing in the Global Business Environment

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

■ 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); Mr Robert Smyth (Information Technology)

Course structure - IT Graduates

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

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

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

*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

Business Units

The following sixteen (16) core units must be completed:

GSN401	Managing in the Global Business Environment
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

■ Master of Creative Industries (Arts Management & Creative Enterprise) (IF04)

Award title: Master of Creative Industries

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)

Course Design

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.

Full-Time Course Structure - Arts and Cultural Management
Year 1, Semester 1

GSN226	Arts Policy and Strategy
GSN401	Managing in the Global Business Environment
GSN408	Fundamentals of Marketing Management
KCP018	Creative Industries
GSN228	Marketing Arts and Culture

Year 1, Semester 2

GSN232	Fundraising Principles 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 GSN111 Applied Research Project C
KKN320	Workplace Learning (12cp)
KKN330	Workplace Learning (24cp)

Part-time Course Structure - Arts and Cultural Management
Year 1, Semester 1

GSN401	Managing in the Global Business Environment
GSN408	Fundamentals of Marketing Management
KCP018	Creative Industries

Year 2, 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
GSN232	Fundraising Principles 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

KCP353	Creative Industries Research Seminar
KCP355	Creative Industries Project OR GSN111 Applied Research Project C
KKN320	Workplace Learning (12cp)
KKN330	Workplace Learning (24cp)

Full-Time Course Structure - Creative and Media Enterprises
Year 1, Semester 1

GSN401	Managing in the Global Business Environment
GSN408	Fundamentals of Marketing Management
KCP018	Creative Industries Choose two units (24 credit points) from the following:
GSN449	Public Sector and Social Marketing 1
GSN450	Public Sector and Social Marketing 2

KCP110 Global Media and Communication Policy
 KCP349 Media Audiences

Year 1, Semester 2

GSN225 Business Development in Creative Industries
 KCP336 New Media Technologies
 OR
 Creative Industries Elective
 Choose two units from the following:

GSN227 Arts and Cultural Management
 GSN232 Fundraising Principles
 GSN410 Entrepreneurship
 GSN420 New Venture Strategy
 KCP348 Applied Media Communication
 LWN099 Intellectual Property Law
 LWN120 Select Issues In Media Law and Policy

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
 GSN111 Applied Research Project C
 KKN320 Workplace Learning (12cp)
 KKN330 Workplace Learning (24cp)

Part-time Course Structure - Creative and Media Enterprises

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

Choose two units (24 credit points) from the following:

GSN410 Entrepreneurship
 GSN420 New Venture Strategy
 KCP110 Global Media and Communication Policy
 KCP349 Media Audiences

Year 2, Semester 2

Choose two units from the following:

GSN232 Fundraising Principles
 GSN449 Public Sector and Social Marketing 1
 GSN450 Public Sector and Social Marketing 2
 KCP348 Applied Media Communication
 LWN099 Intellectual Property Law
 LWN120 Select Issues In Media Law and Policy

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:

KCP355 Creative Industries Project
 OR
 GSN111 Applied Research Project C
 KKN320 Workplace Learning (12cp)
 KKN330 Workplace Learning (24cp)

■ Graduate Diploma in Advertising (Creative Advertising/Strategic Advertising) (IF95)

Award title: Graduate Diploma in Advertising

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: Dr Terry Flew (Creative Industries); Ms Lyn Simpson (Business)

Course Design

Creative Advertising: All students must complete six compulsory units (72 credit points), and two approved elective units (24 credit points).

Strategic Advertising: All students must complete seven compulsory units (84 credit points), and one approved elective unit (12 credit points).

Course Structure Creative Advertising (Study Area A) - Full-time

Year 1, Semester 1

KCP360 Advertising Creative: Introduction
 AMN420 Advertising Management
 AMN421 Contemporary Issues in Advertising
 KCP362 Advertising Creative: Copywriting and Art Direction

Year 1, Semester 2

KCP361 Advertising Creative: Electronic and Print Media
 AMN400 Consumer Behaviour
 OR
 Elective unit
 KVP100 Graphic Design
 Elective unit

Course Structure Creative Advertising (Study Area A) - Part-time

Year 1, Semester 1

KCP360 Advertising Creative: Introduction
 AMN420 Advertising Management

Year 1, Semester 2

KCP362 Advertising Creative: Copywriting and Art Direction
 AMN400 Consumer Behaviour
 OR
 Elective Unit

Year 2, Semester 1

AMN421 Contemporary Issues in Advertising
 Elective Unit

Year 2, Semester 2

KCP361 Advertising Creative: Electronic and Print Media
 KVP100 Graphic Design

Creative Advertising Electives

Students may either choose electives from the following list of suggested units or consult with the course coordinator for approval for other units.

KIN816 Information Design
 KIN817 Project Management
 KIN818 Digital Media
 KIN819 Electronic Publishing
 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
 KPB371 Advanced Principles of Television
 KPB372 Televisual Formats
 KVB509 Photomedia and Artistic Practice
 KVB703 Video Art and Culture
 KWB111 Media Writing
 KWB315 Persuasive Writing
 KWB314 Corporate Writing and Editing
 KWB370 Electronic Creative Writing
 * Subject to course coordinator approval

Course Structure Strategic Advertising (Study Area B) - Full-time

Year 1, Semester 1

AMN400 Consumer Behaviour
 or

KCP361 Advertising Creative: Electronic and Print Media
 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

Course Structure Strategic Advertising (Study Area B) - Part-time

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

CRICOS code: 040291G

Location: Gardens Point and 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 Terry Flew (Creative Industries); Ms Joanne Jacobs (Business)

Course Structure - Full-time

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

GSN225 Business Development in Creative Industries
GSN227 Arts and Cultural Management
GSN232 Fundraising Principles
OR
Arts and Cultural Management Elective

KCP336 New Media Technologies
OR
Creative Industries Elective

Course structure - Part-time

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

GSN227 Arts and Cultural Management
GSN232 Fundraising Principles
Or
Arts and Cultural Management Elective

■ 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

Course duration (part-time): 2 years

Total credit points: 96

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

Course coordinator: Dr Terry Flew (Creative Industries); Ms Joanne Jacobs (Business)

Course structure - Full-time

Year 1, Semester 1

GSN401 Managing in the Global Business Environment
GSN408 Fundamentals of Marketing Management
KCP018 Creative Industries

Choose two units from the following:

GSN410 Entrepreneurship
GSN420 New Venture Strategy
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
KCP110 Global Media and Communication Policy
KCP349 Media Audiences

Year 1, Semester 2

GSN225 Business Development in Creative Industries
KCP336 New Media Technologies
OR

Creative Industries Elective
Choose two units from the following:

GSN227 Arts and Cultural Management
KCP348 Applied Media Communication
LWN120 Select Issues In Media Law and Policy

Course structure - Part-time

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

Choose two units from the following:

GSN410 Entrepreneurship
GSN420 New Venture Strategy
KCP110 Global Media and Communication Policy
KCP349 Media Audiences

Year 2, Semester 2

Choose two units from the following:

GSN227 Arts and Cultural Management
GSN449 Public Sector and Social Marketing 1
GSN450 Public Sector and Social Marketing 2
KCP348 Applied Media Communication
LWN099 Intellectual Property Law
LWN120 Select Issues In Media Law and Policy

■ 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); Ms Lyn Simpson (Business)

Course Structure - Full-time

Year 1, Semester 1

KCP360 Advertising Creative: Introduction

AMN400 Consumer Behaviour
OR
KCP361 Advertising Creative: Electronic and Print Media
AMN420 Advertising Management
AMN421 Contemporary Issues in Advertising

Course Structure - Part-time

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

■ 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)

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

■ 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

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

Course coordinator: Dr Megan Hargreaves (Science); Melinda Service (Environmental Health)

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 1, Semester 1

NRB100 Environmental Science

PCB150 Physics 1H

EITHER

PCB140 Introductory Chemistry

OR

PCB142 Chemistry 1

EITHER

MAB105 Preparatory Mathematics

OR

PCB101 Physical Science

Students with a Sound Achievement in Senior Maths B (or equivalent) must undertake PCB101. Students without a Sound Achievement in Senior Maths B (or equivalent) must undertake MAB105.

Year 1, Semester 2

LSB118 Life Science

LSB258 Principles of Human Physiology

MAB101 Statistical Data Analysis 1

NRB240 History of Life on Earth

Year 2 to Year 4

Note: The year 2 to 4 course structure below is under revision.

Year 2, Semester 1

NRB300 Environmental Monitoring

NRB311 Population Ecology

PUB107 Sustainable Environments for Health

PUB251 Contemporary Public Health

Year 2, Semester 2

NRB400 Environmental Systems

NRB440 Environmental Chemistry

PUB400 Environmental Protection

PUB407 Environmental Pollution

Year 3, Semester 1

NRB500 Environmental Modelling

NRB501 Mapping and Modelling of Natural Resource Data

PUB308 Environmental Health Fundamentals

PUB314 Epidemiology and Statistics

Year 3, Semester 2

LSB415 Microbiology

NRB600 Issues in 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

CRICOS code: 020323D

Location: Gardens Point, Kelvin Grove and Carseldine

Course duration (full-time): 4 years

Total credit points: 432

Course coordinator: Dr Peter Bond (Education); Dr Tom Cuddihy (Human Movement Studies)

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 II: Practising Education in the Field
HMB331 Physical Education 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
HMB431 Physical Education 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

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 (Accountancy, Banking and Finance, Economics or Marketing) (IF62)

Award title: Bachelor of Applied Science (in Human Movement Studies)/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); Mr John Polichronis (Banking and Finance); Mr Eugene McCann (Economics); Dr Marilyn Healy (Marketing)

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 Membership

Graduates may be eligible for membership of the Australian Association for Exercise and Sports Science, and depending on the choice of major and minor units, of Australasian Institute of Banking and Finance, Economic Society of Australia (Queensland Division), Australian Marketing Institute, Market Research Society of Australia, Australian Institute of Management, Australian Human Resource Institute, American Marketing Association and Australian Institute of Export (Qld) Ltd.

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. Students supplement the human movement studies component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 48 credit point minor. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing and Public Relations.

Course structure - Accountancy Major**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 Business Information Analysis and Communication
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
Business Minor Unit

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
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

Course structure - Banking and Finance Major**Year 1, Semester 1**

HMB171 Fitness Health and Wellness
LSB131 Anatomy
BSB113 Economics
BSB114 Government, Business and Society

Year 1, Semester 2

HMB172 Nutrition and Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB110 Accounting
BSB122 Business Information Analysis and Communication

Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning and Development
HMB274 Functional Anatomy
HMB313 Socio-Cultural Foundations of Physical Activity
PYB012 Psychology
EFB210 Finance 1

Year 2, Semester 2

HMB273 Exercise Physiology 1
HMB275 Exercise and Sport Psychology
HMB276 Research in Human Movement
EFB102 Economics 2
EFB307 Finance 2

Year 3, Semester 1

HMB379 Disorders of Human Movement
HMB382 Principles Of Exercise Prescription
EFB101 Data Analysis for Business
EFB201 Financial Markets
Business Minor Unit

Year 3, Semester 2

HMS Major Unit
HMS Elective / Minor Unit
BSB119 International and Electronic Business
Business Minor Unit

Year 4, Semester 1

HMS Elective / Minor Unit
HMS Elective / Minor Unit
BSB115 Management, People and Organisations
Business Minor Unit

Year 4, Semester 2

BSB111 Business Law and Ethics
EFB312 International Finance and Economics
BSB126 Marketing
Business Minor Unit

Course structure - Economics**Year 1, Semester 1**

HMB171 Fitness Health and Wellness
LSB131 Anatomy
BSB110 Accounting
BSB113 Economics

Year 1, Semester 2

HMB172 Nutrition and Physical Activity
HMB272 Biomechanics
LSB231 Physiology
BSB122 Business Information Analysis and Communication
EFB102 Economics 2

Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning and Development
HMB274 Functional Anatomy
HMB313 Socio-Cultural Foundations of Physical Activity
PYB012 Psychology
EFB202 Business Cycles and Economic Growth

Year 2, Semester 2

HMB273 Exercise Physiology 1
HMB275 Exercise and Sport Psychology
HMB276 Research in Human Movement
EFB101 Data Analysis for Business
Business Minor Unit

Year 3, Semester 1

HMB379 Disorders of Human Movement
HMB382 Principles Of Exercise Prescription
BSB119 International and Electronic Business
EFB211 Firms, Markets and Resources
Business Minor Unit

Year 3, Semester 2

HMS Major Unit
HMS Elective / Minor Unit
BSB114 Government, Business and Society
EFB323 Financial and Monetary Economics

Year 4, Semester 1

HMS Elective / Minor Unit
HMS Elective / Minor Unit
BSB115 Management, People and Organisations
Business Minor Unit

Year 4, Semester 2

BSB111 Business Law and Ethics
BSB126 Marketing
EFB314 International Trade and Economic Competitiveness
Business Minor Unit

Course structure - Marketing**Year 1, Semester 1**

BSB122 Business Information Analysis and Communication
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

HMB313 Socio-Cultural Foundations of Physical Activity

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

Business Minor Unit

Year 3, Semester 2

BSB110 Accounting

Business Minor Unit

Human Movement Studies major unit

Human Movement Studies elective/minor unit

Year 4, Semester 1

AMB340 Services Marketing

Business Minor Unit

Human Movement Studies elective/minor unit

Human Movement Studies elective/minor unit

Year 4, Semester 2

AMB341 Strategic Marketing

BSB111 Business Law and Ethics

BSB114 Government, Business and Society

Business minor unit

Course structure - Human Movement Studies Major and Minor Units:

Human Movements 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

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

AYB225 Management Accounting

Banking & Finance (Students Without a Banking & Finance Major)

Students must complete four of the following:

EFB101 Data Analysis for Business

EFB102 Economics 2

EFB210 Finance 1

EFB307 Finance 2

EFB201 Financial Markets

EFB312 International Finance and Economics

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 any 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

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

EFB327 Econometrics of Financial Markets

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

AYB225 Management Accounting

Human Resource Management (Students without a Human Resource Management Major)

MGB207 Human Resource Issues and Strategy

MGB222 Managing Organisations

Plus two units from the list below:

Human Resource Management (Students with a Human Resource Management Major)

Any four units from the list 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 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

- MGB321 Advanced Practice in 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
 AMB261 Media Relations and Publicity
 AMB354 Events Marketing
International Business (Students without an International Business 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)
 Students must complete four units as follows:
 IBB202 Business and the World Economy
 IBB211 Globalisation and Business
 Plus one of the following pairs of units:
 IBB210 Export Management
 IBB300 International Business Strategy
 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
 MGB220 Management Research Methods
 Plus one unit from the list below:
Management (students with a Management Major)
 Any four units from the list below other than those that are part of the Management major:
Management (Students with an Human Resource Management Major)
 MGB210 Production and Service Management
 MGB334 Managing in a Changing Environment
 Plus two units from the list below:

- List of Management units:**
 ITB233 Enterprise Systems Applications
 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
 One choice 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

■ 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 (in Human Movement Studies)/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); Mr Thoms Cronk (International Business); Professor Robert Waldersee (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 Membership

Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

- 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. Students supplement the human movement studies component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point credit point major, and a further 48 credit point minor. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing and Public Relations.

Course structure - Advertising**Year 1, Semester 1**

BSB122 Business Information Analysis and Communication
 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
 HMB273 Exercise Physiology 1
 HMB274 Functional Anatomy
 PYB012 Psychology

Year 2, Semester 2

AMB221 Advertising Copywriting
 BSB119 International and Electronic Business
 HMB275 Exercise and Sport Psychology
 HMB276 Research in Human Movement
 HMB382 Principles Of Exercise Prescription

Year 3, Semester 1

BSB113 Economics
 BSB115 Management, People and Organisations
 HMB313 Socio-Cultural Foundations of Physical Activity
 HMB379 Disorders of Human Movement
 Business Minor Unit

Year 3, Semester 2

BSB110 Accounting
 Human Movement Studies Major Unit
 Human Movement Studies Elective / Minor Unit
 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

Year 4, Semester 2

AMB321 Advertising Campaigns
 BSB111 Business Law and Ethics
 BSB114 Government, Business and Society
 Business Minor Unit

Course structure - Human Resource Management Major**Year 1, Semester 1**

HMB171 Fitness Health and Wellness
 LSB131 Anatomy
 BSB115 Management, People and Organisations
 BSB122 Business Information Analysis and Communication

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
 HMB273 Exercise Physiology 1
 HMB274 Functional Anatomy
 PYB012 Psychology
 BSB119 International and Electronic Business

Year 2, Semester 2

HMB275 Exercise and Sport Psychology
 HMB276 Research in Human Movement
 HMB382 Principles Of Exercise Prescription
 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
 BSB110 Accounting
 BSB114 Government, Business and Society
 MGB222 Managing Organisations

Year 3, Semester 2

Human Movement Studies Major Unit
 Human Movement Studies Elective / Minor Unit
 BSB113 Economics
 MGB314 Organisational Consulting and Change

Year 4, Semester 1

Human Movement Studies Elective/ Minor Unit
 Human Movement Studies Elective/ Minor Unit
 Business Minor Unit
 Business Minor Unit

Year 4, Semester 2

BSB111 Business Law and Ethics
 MGB309 Strategic Management
 Business Minor Unit
 Business Minor Unit

Course structure - 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
 BSB115 Management, People and Organisations

Year 2, Semester 1

HMB271 Foundations Of Motor Control, Learning and Development
 HMB273 Exercise Physiology 1
 HMB274 Functional Anatomy
 PYB012 Psychology
 BSB113 Economics

Year 2, Semester 2

HMB275 Exercise and Sport Psychology
 HMB276 Research in Human Movement
 HMB382 Principles Of Exercise Prescription
 IBB202 Business and the World Economy
 IBB211 Globalisation and Business

Year 3, Semester 1

HMB313 Socio-Cultural Foundations of Physical Activity
 HMB379 Disorders of Human Movement
 BSB126 Marketing
 IBB210 Export Management
 Area Study 1

Year 3, Semester 2

Human Movement Studies Major Unit

Human Movement Studies Elective / Minor Unit
 BSB122 Business Information Analysis and Communication
 Area Study 2

Year 4, Semester 1

Human Movement Studies Elective / Minor Unit
 Human Movement Studies Elective / Minor Unit
 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

Course structure - Management Major

Year 1, Semester 1

HMB171 Fitness Health and Wellness

LSB131 Anatomy

BSB115 Management, People and Organisations

BSB122 Business information Analysis and Communication

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

HMB273 Exercise Physiology 1

HMB274 Functional Anatomy

PYB012 Psychology

BSB119 International and Electronic Business

Year 2, Semester 2

HMB275 Exercise and Sport Psychology

HMB276 Research in Human Movement

HMB382 Principles Of Exercise Prescription

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

MGB210 Production and Service Management

Year 3, Semester 2

Human Movement Studies Major Unit

Human Movement Studies Elective / Minor Unit

BSB113 Economics

Business Minor Unit

Year 4, Semester 1

Human Movement Studies Elective / Minor Unit

Human Movement Studies Elective / Minor Unit

MGB334 Managing in a Changing Environment

Business Minor Unit

Year 4, Semester 2

BSB111 Business Law and Ethics

MGB309 Strategic Management

Business Minor Unit

Business Minor Unit

Course structure - Public Relations

Year 1, Semester 1

BSB122 Business Information Analysis and Communication

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

HMB273 Exercise Physiology 1

HMB274 Functional Anatomy

PYB012 Psychology

Year 2, Semester 2

AMB262 Public Relations Writing

BSB115 Management, People and Organisations

HMB275 Exercise and Sport Psychology

HMB276 Research in Human Movement

HMB382 Principles Of Exercise Prescription

Year 3, Semester 1

AMB201 Marketing and Audience Research

BSB113 Economics

HMB313 Socio-Cultural Foundations of Physical Activity

HMB379 Disorders of Human Movement

Business Minor Unit

Year 3, Semester 2

BSB110 Accounting

Human Movement Studies Major Unit

Human Movement Studies Elective / Minor Unit

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

Year 4, Semester 2

AMB361 Public Relations Campaigns

BSB111 Business Law and Ethics

BSB114 Government, Business and Society

Business Minor Unit

Course structure - 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

AYB225 Management Accounting

Banking & Finance (Students Without a Banking & Finance Major)

Students must complete four of the following:

EFB101 Data Analysis for Business

EFB102 Economics 2

EFB210 Finance 1

EFB307 Finance 2

EFB201 Financial Markets

EFB312 International Finance and Economics

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 any 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

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
 EFB327 Econometrics of Financial Markets
 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
 AYB225 Management Accounting

Human Resource Management (Students without a Human Resource Management Major)

MGB207 Human Resource Issues and Strategy
 MGB222 Managing Organisations

Plus two units from the list below:

Human Resource Management (Students with a Human Resource Management Major)

Any four units from the list 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 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
 MGB321 Advanced Practice in 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 Business and the World Economy
 IBB211 Globalisation and Business

Plus one of the following pairs of units:

IBB210 Export Management
 IBB300 International Business Strategy
 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
 MGB220 Management Research Methods

Plus one unit from the list below:

Management (students with a Management Major)

Any four units from the list below other than those that are part of the Management major:

Management (Students with an Human Resource Management Major)

MGB210 Production and Service Management
 MGB334 Managing in a Changing Environment
 Plus two units from the list below:

List of Management units:

ITB233 Enterprise Systems Applications
 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
 One choice 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

Course structure - 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/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); Gayle Kerr (Advertising); Dr Scott McCarthy (Banking and Finance); Mr Eugene McCann (Economics); Ms Sherrena Buckby (Electronic Business); Amanda Gudmundsson (Human Resource Management); Mr Thomas Cronk (International Business); Professor Robert Waldersee (Management); Ms Cathy Neal (Marketing); Ms Robina Xavier (Public Relations)

Professional Recognition

Graduates will 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.

Students completing the Bachelor of Business degree may, subject to choice of major, extended major or specialisation units, satisfy the academic requirements for membership of: CPA Australia, Institute of Chartered Accountants in Australia (ICAA), Australasian Institute of Banking and Finance (AIBF), Economic Society of Australia (Qld), Australian Institute of Export (Qld) Ltd, Advertising Institute of Australia, Society of Business Communicators, Public Relations Institute of Australia,

Australian Human Resources Institute, Australian Institute of Management, Australian Institute of Training and Development, Australian Marketing Institute, Marketing Research Society of Australia, American Marketing Association.

Course Design

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, 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

- BSB111 Business Law and Ethics
 BSB122 Business Information Analysis and Communication
 AYB121 Financial Accounting

Year 2, Semester 1

- BSB115 Management, People and Organisations
 AYB220 Company Accounting

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

Course Structure - Advertising**Year 1, Semester 1**

- BSB122 Business Information Analysis and Communication
 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

Course Structure - Banking & Finance**Year 1, Semester 1**

BSB110 Accounting
BSB113 Economics

Year 1, Semester 2

BSB122 Business Information Analysis and Communication
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 and Economics
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

Course Structure - Economics**Year 1, Semester 1**

BSB113 Economics
BSB122 Business Information Analysis and Communication

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

Course Structure - Electronic Business**Year 1, Semester 1**

BSB119 International and Electronic Business
BSB122 Business Information Analysis and Communication

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 (see list below)

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
ITB114 Networking Systems
ITB233 Enterprise Systems Applications
ITB823 Web Sites For Electronic Commerce
MGB216 Managing Technology, Innovation and Knowledge

Course Structure - Human Resource Management**Year 1, Semester 1**

BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication

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

Double Major / Extended Major / Specialisation
Double Major / Extended Major / Specialisation

Year 4, Semester 1

MGB314 Organisational Consulting and Change
Double Major / Extended Major / Specialisation
Double Major / Extended Major / Specialisation

Year 4, Semester 2

MGB309 Strategic Management
Double Major / Extended Major / Specialisation
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.

Course Structure - 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 Business and the World Economy

Year 2, Semester 1

BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication
IBB211 Globalisation and Business

Year 2, Semester 2

BSB110 Accounting
BSB111 Business Law and Ethics

Year 3, Semester 1

IBB210 Export Management
Area Study 1

Year 3, Semester 2

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

Area Study Options:

Students must select one of the following pairs of area study

units:

IBB217 Asian Business Development
 IBB317 Contemporary Business in Asia
 OR
 IBB208 European Business Development
 IBB308 Contemporary Business in Europe

Course Structure - Management
Year 1, Semester 1

BSB115 Management, People and Organisations
 BSB122 Business Information Analysis and Communication

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
 Double Major /Extended Major/Specialisation Unit

Year 4, Semester 1

Double Major /Extended Major/Specialisation Unit
 Double Major /Extended Major/Specialisation Unit
 Double Major /Extended Major/Specialisation Unit

Year 4, Semester 2

MGB309 Strategic Management
 Double Major /Extended Major/Specialisation Unit
 Double Major /Extended Major/Specialisation Unit

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Course Structure - Marketing
Year 1, Semester 1

BSB122 Business Information Analysis and Communication
 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.

Course Structure - Public Relations
Year 1, Semester 1

BSB122 Business Information Analysis and Communication
 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
 NRB100 Environmental Science
 PCB101 Physical Science
 Either

MAB100 Mathematical Sciences 1A
 Or

MAB101 Statistical Data Analysis 1
 Or

MAB111 Mathematical Sciences 1B

Other Science Units

LSB238 Cell and Molecular Biology 1
 MAB100 Mathematical Sciences 1A
 MAB111 Mathematical Sciences 1B
 MAB112 Mathematical Sciences 1C
 NRB200 Environment Of South East Queensland
 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.

Course structure - 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

LSB142 Human Anatomy and Physiology
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

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

Course structure - Biotechnology (Medical Strand)**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

LSB142 Human Anatomy and Physiology

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

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

Course structure - 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 Synthesis and Reactivity 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

Course structure - 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

NRB311 Population Ecology

NRB312 Experimental Design

Year 3, Semester 2

NRB410 Genetics and Evolution

NRB411 Ecological Methods

Year 4, Semester 1

NRB510 Population Genetics

NRB511 Population Management

Year 4, Semester 2

NRB610 Ecological Applications

NRB611 Conservation Biology

Course structure - 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

NRB400 Environmental Systems

Year 3, Semester 1

NRB300 Environmental Monitoring

NRB311 Population Ecology

Year 3, Semester 2

NRB440 Environmental Chemistry

PCB414 Industrial and Environmental Analytical Chemistry

Year 4, Semester 1

NRB500 Environmental Modelling

NRB501 Mapping and Modelling of Natural Resource Data

Year 4, Semester 2

NRB600 Issues in Environmental Management

NRB633 Hydrogeology

Course structure - 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

Course structure - 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

Course structure - 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

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.

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.

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, 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 - Major in 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 I: 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

Course structure - Major in 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

Course structure - Major in 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
 PCB242 Chemistry 2
 PCB260 Physics 1A
 PCB434 Inorganic Chemistry

Year 2, Semester 1

MDB450 Primary Mathematics Curriculum
 NRB100 Environmental Science
 PCB305 Principles of Physical Chemistry
 PCB354 Synthesis and Reactivity 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

Course structure - Major in 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 I: 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
 NRB311 Population Ecology
 NRB312 Experimental Design
 NRB370 Invertebrate Biology

Year 2, Semester 2

- CLB006 Primary Curriculum and Pedagogies: Language and Literacies 1
 NRB411 Ecological Methods
 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

Course structure - Major in 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 I: 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
 NRB300 Environmental Monitoring
 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
 NRB400 Environmental Systems
 NRB440 Environmental Chemistry
 NRB600 Issues in Environmental Management

Year 3, Semester 1

- NRB500 Environmental Modelling
 NRB501 Mapping and Modelling of Natural Resource Data
 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

Course structure - Major in 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 I: Development and Learning in the Field
 MAB100 Mathematical Sciences 1A
 PCB142 Chemistry 1

Year 2, Semester 1

- MDB450 Primary Mathematics Curriculum
 NRB300 Environmental Monitoring
 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

Course structure - Major in 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:
- 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
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

Course structure - Major in 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
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

Course structure - Major in 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 I: 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
LSB428	Microbiology 2
LSB657	Perspectives in Life Science
Year 3, Semester 1	
LSB528	Environmental Microbiology
LSB547	Bacterial Pathogenesis and Disease Diagnosis
LSB578	Virology 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
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

Course structure - Major in 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 I: 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
PCB404	Scientific Principles of Safety
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

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 (Education)

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.

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

See the Bachelor of Applied Science (SC01) course information for details of major areas of study.

So that students can complete the double degree in a shorter period of 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 or Mathematics; or Mathematics with Physics, Chemistry, Geology 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 - Major in 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

EDB031 Secondary 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
 SCB222 Exploration of the Universe

Year 2, Semester 1

LSB308 Biochemistry
 LSB328 Microbiology 1
 LSB338 Cell and Molecular Biology 2
 NRB100 Environmental Science
 Curriculum Studies 1X

Year 2, Semester 2

MDB454 Science, Technology and Society
 LSB408 Metabolism
 Either
 LSB497 Plant Molecular Biology
 Or
 LSB468 Molecular Biology
 LSB608 Protein Science
 MAB101 Statistical Data Analysis 1

Year 3, Semester 1

LSB508 Advanced Metabolism
 LSB527 Biomedical Research Technologies
 Either
 LSB568 Electron Microscopy
 Or
 LSB537 Genetic Engineering
 PCB150 Physics 1H
 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

Course structure - Major in 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

EDB031 Secondary 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

SCB222 Exploration of the Universe

Year 2, Semester 1

LSB308 Biochemistry
 LSB328 Microbiology 1
 LSB338 Cell and Molecular Biology 2
 NRB100 Environmental Science
 Curriculum Studies 1X

Year 2, Semester 2

LSB408 Metabolism
 LSB468 Molecular Biology
 MAB101 Statistical Data Analysis 1
 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

Course structure - Major in Chemistry**Year 1, Semester 1**

EDB002 Teaching and Learning Studies 2: Development and Learning
 MAB101 Statistical Data Analysis 1
 PCB101 Physical Science
 PCB142 Chemistry 1

Year 1, Semester 2

EDB031 Secondary Field Studies 1: Development and Learning in the Field
 MAB100 Mathematical Sciences 1A
 PCB242 Chemistry 2
 PCB260 Physics 1A
 PCB434 Inorganic Chemistry

Year 2, Semester 1

NRB100 Environmental Science
 PCB305 Principles of Physical Chemistry
 PCB354 Synthesis and Reactivity in Organic Chemistry
 PCB414 Industrial and Environmental Analytical Chemistry
 Curriculum Studies 1X

Year 2, Semester 2

MDB454 Science, Technology and Society
 NRB440 Environmental Chemistry
 PCB444 Spectroscopy
 PCB634 Organometallic and Coordination Chemistry
 SCB222 Exploration of the Universe

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
 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

Course structure - Major in 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

EDB031 Secondary Field Studies 1: Development and Learning in the Field
 MAB101 Statistical Data Analysis 1
 NRB240 History of Life on Earth
 NRB270 Animal and Plant Structure and Function
 NRB410 Genetics and Evolution

Year 2, Semester 1

NRB311 Population Ecology
 NRB312 Experimental Design
 NRB370 Invertebrate Biology
 NRB371 Plant Biology
 Curriculum Studies 1X

Year 2, Semester 2

MDB454 Science, Technology and Society
 NRB411 Ecological Methods
 NRB470 Vertebrate Biology
 NRB611 Conservation Biology
 SCB222 Exploration of the Universe

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

Course structure - Major in 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

EDB031 Secondary Field Studies 1: Development and Learning in the Field
 LSB118 Life Science
 MAB101 Statistical Data Analysis 1
 MDB454 Science, Technology and Society
 NRB240 History of Life on Earth
 Either

PCB140 Introductory Chemistry
 Or

PCB142 Chemistry 1

Year 2, Semester 1

NRB300 Environmental Monitoring
 NRB311 Population Ecology
 Two elective Science units - recommended units are:
 MAB100 Mathematical Sciences 1A
 NRB370 Invertebrate Biology
 NRB371 Plant Biology
 ITB843 Computing Applications
 Curriculum Studies IX

Year 2, Semester 2

NRB400 Environmental Systems
 NRB440 Environmental Chemistry
 NRB600 Issues in Environmental Management
 NRB633 Hydrogeology
 SCB222 Exploration of the Universe

Year 3, Semester 1

NRB500 Environmental Modelling
 NRB501 Mapping and Modelling of Natural Resource Data
 One Science elective unit, taken from the group in year 2 semester 1 (above), plus:
 NRB572 Terrestrial Ecosystems
 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

Course structure - Major in 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

EDB031 Secondary Field Studies 1: Development and Learning in the Field
 MAB101 Statistical Data Analysis 1
 MDB454 Science, Technology and Society
 NRB240 History of Life on Earth
 Either

PCB140 Introductory Chemistry
 Or

PCB142 Chemistry 1

Year 2, Semester 1

MAB100 Mathematical Sciences 1A
 NRB300 Environmental Monitoring
 NRB331 Sedimentary Geology
 NRB333 Mineralogy
 Curriculum Studies 1X

Year 2, Semester 2

NRB434 Structural Geology and Field Methods
 NRB436 Introduction to Igneous and Metamorphic Petrology
 NRB633 Hydrogeology
 SCB222 Exploration of the Universe
 One unit from:

NRB437 Stratigraphy and Depositional Environments
 NRB440 Environmental Chemistry

Year 3, Semester 1

LSB118 Life Science
 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

Course structure - Major in 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

EDB031 Secondary Field Studies 1: Development and Learning in the Field
 MAB210 Statistical Modelling 1
 MAB220 Computational Mathematics 1
 MDB454 Science, Technology and Society
 SCB222 Exploration of the Universe

Year 2, Semester 1

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
 Curriculum Studies 1X

Note: Students must complete at least on eof MAB311, MAB312, MAB413

Year 2, Semester 2

PCB142 Chemistry 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
 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

LSB118 Life Science
 PCB107 Physics and Quantitative Techniques
 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
 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

Course structure - Major in 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

EDB031 Secondary Field Studies 1: Development and Learning in the Field
 MAB111 Mathematical Sciences 1B
 MAB112 Mathematical Sciences 1C
 MAB210 Statistical Modelling 1
 MDB454 Science, Technology and Society

Year 2, Semester 1

PCB142 Chemistry 1
 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
 Curriculum Studies 1X

Year 2, Semester 2

LSB118 Life 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
 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

NRB100 Environmental Science
 PCB107 Physics and Quantitative Techniques
 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
 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

Course structure - Major in 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
 EDB031 Secondary 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
 SCB222 Exploration of the Universe

Year 2, Semester 1

LSB308 Biochemistry
 LSB328 Microbiology 1
 LSB338 Cell and Molecular Biology 2
 NRB100 Environmental Science
 NRB230 Planet Earth
 Curriculum Studies 1X

Year 2, Semester 2

MDB454 Science, Technology and Society
 LSB428 Microbiology 2
 Either
 LSB408 Metabolism
 Or

LSB468 Molecular Biology
 MAB101 Statistical Data Analysis 1
 NRB240 History of Life on Earth

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

Course structure - Major in 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

EDB031 Secondary Field Studies 1: Development and Learning in the Field
 MAB132 Engineering Mathematics 1B
 PCB250 Physics 1
 PCB260 Physics 1A
 SCB222 Exploration of the Universe

Year 2, Semester 1

MAB134 Electrical Engineering Mathematics 3
 PCB361 AC Theory and Electronics
 PCB362 Physics 2
 Either

PCB140 Introductory Chemistry
 Or

PCB142 Chemistry 1
 Curriculum Studies 1X

Year 2, Semester 2

LSB118 Life Science
 MDB454 Science, Technology and Society
 PCB404 Scientific Principles of Safety
 PCB460 Instrumentation and Computational Methods
 PCB462 Thermodynamics and Solid State Physics

Year 3, Semester 1

NRB100 Environmental Science
 PCB561 Quantum and Condensed Matter Physics
 PCB562 Physical Methods of Analysis
 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, 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 - Major in 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
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function

Year 2, Semester 1

ITB113 Systems Architecture
ITB610 Software Development 3
ITB624 Internetworking
LSB142 Human Anatomy and Physiology
Either

PCB140 Introductory Chemistry
Or

PCB142 Chemistry 1

Year 2, Semester 2

ITB627 Network Technologies
ITB629 Network Services
MAB101 Statistical Data Analysis 1
PCB242 Chemistry 2

Year 3, Semester 1

ITB616 Computer Architecture

LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
IT Elective Unit selected from list

Year 3, Semester 2

ITB611 Object Technology
ITB612 Software Engineering Principles
LSB408 Metabolism
LSB468 Molecular Biology

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

Course structure - Major in 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
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
LSB238 Cell and Molecular Biology 1
NRB270 Animal and Plant Structure and Function

Year 2, Semester 1

ITB113 Systems Architecture
ITB610 Software Development 3
ITB624 Internetworking
LSB142 Human Anatomy and Physiology
Either

PCB140 Introductory Chemistry
Or

PCB142 Chemistry 1

Year 2, Semester 2

ITB627 Network Technologies
ITB629 Network Services
MAB101 Statistical Data Analysis 1
PCB242 Chemistry 2

Year 3, Semester 1

ITB616 Computer Architecture
LSB308 Biochemistry
LSB338 Cell and Molecular Biology 2
IT Elective Unit selected from list

Year 3, Semester 2

ITB611 Object Technology
ITB612 Software Engineering Principles
LSB408 Metabolism
LSB468 Molecular Biology

Year 4, Semester 1

ITB613 Advanced Programming Laboratory
LSB509 Medical Biotechnology
LSB537 Genetic Engineering
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

Course structure - Major in 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
ITB114 Networking Systems
ITB118 ICT Systems Life Cycle
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

ITB627 Network Technologies
 ITB629 Network Services
 PCB242 Chemistry 2
 PCB260 Physics 1A

Year 3, Semester 1

ITB616 Computer Architecture
 PCB305 Principles of Physical Chemistry
 PCB354 Synthesis and Reactivity 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

Course structure - Major in 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
 ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 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
 NRB311 Population Ecology
 NRB312 Experimental Design
 IT Specialisation Unit selected from List 1

Year 3, Semester 2

ITB611 Object Technology
 ITB612 Software Engineering Principles
 NRB410 Genetics and Evolution
 NRB411 Ecological Methods

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

Course structure - Major in 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
 ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 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
 NRB400 Environmental Systems

Year 3, Semester 1

ITB616 Computer Architecture
 NRB300 Environmental Monitoring
 NRB311 Population Ecology
 IT Specialisation Unit selected from List 1

Year 3, Semester 2

ITB611 Object Technology
 ITB612 Software Engineering Principles
 NRB440 Environmental Chemistry
 PCB414 Industrial and Environmental Analytical Chemistry

Year 4, Semester 1

ITB613 Advanced Programming Laboratory
 NRB500 Environmental Modelling
 NRB501 Mapping and Modelling of Natural Resource Data
 IT Specialisation Unit selected from List 1

Year 4, Semester 2

NRB600 Issues in Environmental Management
 NRB633 Hydrogeology
 IT Specialisation Unit selected from List 1
 IT Specialisation Unit selected from List 1

Course structure - Major in 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
 ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 MAB101 Statistical Data Analysis 1
 PCB101 Physical Science

Year 2, Semester 1

ITB113 Systems Architecture
 ITB610 Software Development 3
 ITB624 Internetworking
 NRB100 Environmental Science
 Either

PCB140 Introductory Chemistry
 Or

PCB142 Chemistry 1

Year 2, Semester 2

ITB627 Network Technologies
 ITB629 Network Services
 NRB240 History of Life on Earth
 NRB440 Environmental Chemistry

Year 3, Semester 1

ITB616 Computer Architecture
 NRB331 Sedimentary Geology
 NRB333 Mineralogy

Year 3, Semester 2

ITB611 Object Technology
 ITB612 Software Engineering Principles
 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
 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 4, Semester 2

IT Elective Unit selected from list
 IT Elective Unit selected from list
 Two units from
 NRB630 Exploration Geology
 NRB633 Hydrogeology
 NRB635 Plate Tectonics and Advanced Structural Geology

Course structure - Major in 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
 ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 LSB238 Cell and Molecular Biology 1
 NRB270 Animal and Plant Structure and Function

Year 2, Semester 1

ITB113 Systems Architecture
 ITB610 Software Development 3
 ITB624 Internetworking
 MAB100 Mathematical Sciences 1A
 Either
 PCB140 Introductory Chemistry
 Or
 PCB142 Chemistry 1

Year 2, Semester 2

ITB627 Network Technologies
 ITB629 Network Services
 MAB101 Statistical Data Analysis 1
 PCB242 Chemistry 2

Year 3, Semester 1

ITB616 Computer Architecture
 LSB308 Biochemistry
 LSB328 Microbiology 1
 IT Elective Unit selected from list

Year 3, Semester 2

ITB611 Object Technology
 ITB612 Software Engineering Principles
 LSB408 Metabolism
 LSB428 Microbiology 2

Year 4, Semester 1

ITB613 Advanced Programming Laboratory
 IT Elective Unit selected from list
 Two units from
 LSB528 Environmental Microbiology
 LSB547 Bacterial Pathogenesis and Disease Diagnosis
 LSB568 Electron Microscopy
 LSB578 Virology

Year 4, Semester 2

IT Elective Unit selected from list
 IT Elective Unit selected from list
 Two units from
 LSB628 Food Microbiology
 LSB647 Clinical Mycology and Parasitology
 LSB648 Molecular Microbiology

Course structure - Major in 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
 ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 MAB132 Engineering Mathematics 1B

Year 2, Semester 1

ITB113 Systems Architecture
 ITB610 Software Development 3
 ITB624 Internetworking
 MAB134 Electrical Engineering Mathematics 3
 PCB107 Physics and Quantitative Techniques

Year 2, Semester 2

ITB627 Network Technologies
 ITB629 Network Services
 MAB101 Statistical Data Analysis 1
 PCB250 Physics 1
 PCB260 Physics 1A

Year 3, Semester 1

ITB616 Computer Architecture
 PCB361 AC Theory and Electronics
 PCB362 Physics 2
 IT Elective Unit selected from list

Year 3, Semester 2

ITB611 Object Technology
 ITB612 Software Engineering Principles
 PCB460 Instrumentation and Computational Methods
 PCB462 Thermodynamics and Solid State Physics

Year 4, Semester 1

ITB613 Advanced Programming Laboratory
 PCB561 Quantum and Condensed Matter Physics
 PCB562 Physical Methods of Analysis
 IT Elective Unit selected from list

Year 4, Semester 2

PCB661 Experimental Physics
 PCB665 Physics 3
 IT Elective Unit selected from list
 IT Elective Unit selected from list

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.

The science majors are Biochemistry, Biotechnology, Chemistry, Ecology, Environmental 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, 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.

Course structure - Major in 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 *

Course structure - Major in Biotechnology [Medical Strand]

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

LSB509 Medical Biotechnology
LSB537 Genetic Engineering
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law

Year 3, Semester 2

LSB609 Medical Biotechnology 2
LSB619 Genomics & Bioinformatics
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 *

Course structure - Major in Biotechnology [Plant Biotechnology 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 *

Course structure - Major in 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
 PCB142 Chemistry 1
 PCB242 Chemistry 2
 PCB260 Physics 1A

Year 2, Semester 1

LWB136 Contracts A
 MAB101 Statistical Data Analysis 1
 PCB305 Principles of Physical Chemistry
 PCB354 Synthesis and Reactivity 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 *

Course structure - Major in 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
 NRB311 Population Ecology
 NRB312 Experimental Design
 NRB370 Invertebrate Biology

Year 2, Semester 2

LWB137 Contracts B
 NRB410 Genetics and Evolution
 NRB411 Ecological Methods
 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 *

Course structure - Major in 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
 NRB232 Environmental Geology

Either

PCB140 Introductory Chemistry
 Or

PCB142 Chemistry 1

Year 2, Semester 1

LWB136 Contracts A
 NRB300 Environmental Monitoring
 NRB633 Hydrogeology
 One unit selected from:
 NRB311 Population Ecology
 NRB370 Invertebrate Biology
 NRB371 Plant Biology

Year 2, Semester 2

LWB137 Contracts B
 NRB400 Environmental Systems
 NRB440 Environmental Chemistry
 SCB222 Exploration of the Universe

Year 3, Semester 1

LWB138 Fundamentals Of Torts
 LWB238 Fundamentals Of Criminal Law
 NRB500 Environmental Modelling
 NRB501 Mapping and Modelling of Natural Resource Data

Year 3, Semester 2

LWB139 Select Issues In Torts
 LWB239 Criminal Responsibility
 NRB600 Issues in 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 *

Course structure - Major in 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
 NRB330 Structural Geology
 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
 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
 One unit 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 *

Course structure - Major in 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

* 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 *

Course structure - Major in 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
 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

* 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 *

Course structure - Major in 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 *

Course structure - Major in 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 {Humanities} and 192 cp in the Bachelor of Applied Science)

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, 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

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. (see below)

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 ie 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 (ie 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.

BA Course Requirements - Commencing Students

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) 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.

(Example of Full-Time Course Structure for Commencing Students)

Year 1, Semester 1

Core unit (major)
Core unit (major)
Two Science units (SC01 Level 1)

Year 1, Semester 2

Major unit
Major unit
Two Science units (SC01 Level 1)

Year 2, Semester 1

Core unit (major or skills)
Core unit (major or skills)
Two Science units (SC01 Levels 1 and 2)

Year 2, Semester 2

Major unit
Minor unit
Two Science Units (SC01 Levels 1 and 2)

Year 3, Semester 1

Major unit
Core unit (research methods)
Two Science units (SC01 Level 2)

Year 3, Semester 2

Minor unit
Core unit (research methods)
Two Science units (SC01 Level 3)

Year 4, Semester 1

Major unit
Minor unit
Two Science units (SC01 Level 3)

Year 4, Semester 2

Major unit
Minor unit
Two Science 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

Course structure - Major in 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

Course structure - Major in Biotechnology (Medical Strand)
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

Year 4, Semester 1

LSB509 Medical Biotechnology
LSB537 Genetic Engineering

Year 4, Semester 2

LSB609 Medical Biotechnology 2
LSB619 Genomics & Bioinformatics

Course structure - Major in Biotechnology (Plant Biotechnology Strand)
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

LSB397 Plant 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
LSB497 Plant Molecular Biology

Year 4, Semester 1

LSB537 Genetic Engineering
LSB577 Plant Biotechnology 1

Year 4, Semester 2

LSB619 Genomics & Bioinformatics
LSB677 Plant Biotechnology 2

Course structure - Major in 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
PCB260 Physics 1A

Year 3, Semester 1

PCB305 Principles of Physical Chemistry
PCB354 Synthesis and Reactivity 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

Course structure - Major in 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

NRB311 Population Ecology
NRB312 Experimental Design

Year 3, Semester 2

NRB410 Genetics and Evolution
NRB411 Ecological Methods

Year 4, Semester 1

NRB510 Population Genetics
NRB511 Population Management

Year 4, Semester 2

NRB610 Ecological Applications
NRB611 Conservation Biology

Course structure - Major in 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

NRB300 Environmental Monitoring
NRB311 Population Ecology

Year 3, Semester 2

NRB400 Environmental Systems
NRB440 Environmental Chemistry

Year 4, Semester 1

NRB500 Environmental Modelling
NRB501 Mapping and Modelling of Natural Resource Data

Year 4, Semester 2

NRB600 Issues in Environmental Management
NRB633 Hydrogeology

Course structure - Major in 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

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
NRB633 Hydrogeology
NRB635 Plate Tectonics and Advanced Structural Geology
NRB636 Stratigraphy and Basin Analysis

Course structure - Major in 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

* Students must complete at least one of MAB311, MAB312, MAB413

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

Course structure - Major in 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

* 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

Course structure - Major in 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

LSB428 Microbiology 2
Either

LSB438
Or

LSB458

Year 4, Semester 1

Two Level 3 units from the following:

LSB528 Environmental Microbiology
LSB547 Bacterial Pathogenesis and Disease Diagnosis
LSB568 Electron Microscopy
LSB578 Virology

Year 4, Semester 2

Two Level 3 units from the following:

LSB628 Food Microbiology
LSB647 Clinical Mycology and Parasitology
LSB648 Molecular Microbiology

Course structure - Major in 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 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)

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 Membership

Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

- 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. Students supplement the Arts component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point 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. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

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.
- Year 3: Workplace Internship (24 credit points)

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.

Students wishing to complete the Workplace Internship will need to discuss their program with the relevant Course Coordinator in order to ensure that the Internship can be located in 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.

Key Terms - BA

- 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. 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, 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.
- Minor Study Sequence - a study sequence of any four units (48 credit points) in a given subject area. NB - a unit may not be counted in more than one minor.
- Elective Units - units selected by students to fit into their study program.

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 Business Information Analysis and Communication

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

Course structure- Accountancy (For students seeking professional recognition)**Year 1, Semester 1**

BSB110 Accounting
BSB113 Economics

Year 1, Semester 2

AYB121 Financial Accounting
BSB122 Business Information Analysis and Communication

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

Course structure - Banking and Finance**Year 1 Semester 1**

BSB113 Economics
BSB122 Business Information Analysis and Communication

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 and 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

Course structure - Economics
Year 1 Semester 1

BSB113 Economics

BSB122 Business Information Analysis and Communication

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

Course structure - Marketing
Year 1, Semester 1

BSB122 Business Information Analysis and Communication

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
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

**■ 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: Mr Andrew Paltridge (Business); Dr John Synott (Humanities and Human Services)

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 Membership

Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

- Advertising - Advertising Federation of Australia, the Australian Association of National Advertisers and the Australian Direct Marketing Association.
- HRM - Australian Human Resources Institute, Australian Institute of Training and Development, Australian Institute of Management.
- International Business - Economic Society of Australia, Australian Institute of Export (Qld) Ltd.
- Management - Australian Institute of Management. Public Relations - Public Relations Institute of Australia.

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 - Advertising

Year 1, Semester 1
BSB122 Business Information Analysis and Communication
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
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1
BSB115 Management, People and Organisations
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2
BSB114 Government, Business and Society
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
AMB320 Advertising Management
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
AMB321 Advertising Campaigns
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1
BSB110 Accounting
BSB111 Business Law and Ethics

BSB113 Economics
Double Major / Extended Major / Specialisation Unit

Course Structure - 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 Business Information Analysis and Communication
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
Double Major Unit

Year 4, Semester 1
MGB334 Managing in a Changing Environment
Double Major Unit

Year 4, Semester 2
BSB314 E-Business Intelligence
Double Major Unit

Year 5, Semester 1
Electronic Business Elective
Double Major Unit
Double Major Unit
Double Major Unit

Electronic Business Elective Unit List:

AMB230 Internet Promotion
IBB303 International Logistics
AYB221 Computerised Accounting Systems
ITB114 Networking Systems
ITB233 Enterprise Systems Applications
ITB823 Web Sites For Electronic Commerce
MGB216 Managing Technology, Innovation and Knowledge

Course structure - Human Resource Management

Year 1, Semester 1
BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication

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
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1
BSB113 Economics
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1
BSB111 Business Law and Ethics
MGB309 Strategic Management
Double Major / Extended Major / Specialisation Unit
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.

Course structure - 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

IBB211 Globalisation and Business
Language 4

Year 3, Semester 1

BSB122 Business Information Analysis and Communication
Language 5
OR

IBB205 Cross-Cultural Communication and Negotiation

Year 3, Semester 2

IBB202 Business and the World Economy
Language 6
OR
International Business Elective Unit (IBB2xx, IBB3xx)

Year 4, Semester 1

BSB114 Government, Business and Society
Area Study 1

Year 4, Semester 2

BSB126 Marketing
Area Study 2

Year 5, Semester 1

BSB110 Accounting
BSB111 Business Law and Ethics
IBB210 Export Management
IBB300 International Business Strategy

Area Study Units

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course structure - 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 Business Information Analysis and Communication
IBB211 Globalisation and Business

Year 2, Semester 2

BSB110 Accounting
IBB202 Business and the World Economy

Year 3, Semester 1

IBB210 Export Management
Area Study 1

Year 3, Semester 2

BSB114 Government, Business and Society
Area Study 2

Year 4, Semester 1

Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

IBB300 International Business Strategy
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

Area Study Units

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR
IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course structure - Management

Year 1, Semester 1

BSB115 Management, People and Organisations
BSB122 Business Information Analysis and Communication

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

Double Major / Extended Major / Specialisation Unit
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
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

*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.

Course structure - Public Relations

Year 1, Semester 1

BSB122 Business Information Analysis and Communication
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
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1

BSB115 Management, People and Organisations
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

BSB110 Accounting
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB360 Corporate Communication Management
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

AMB361 Public Relations Campaigns
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

BSB111 Business Law and Ethics
 BSB113 Economics
 BSB114 Government, Business and Society
 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

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

■ Bachelor of Arts/Bachelor of Education (Early Childhood) (IX11)

Award title: Bachelor of Arts/Bachelor of Education

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

The 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: Intro. 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 Units

HHB224 Qualitative Research Methods
 HHB232 Survey Methods
 HHB121 Interpreting The Past
 HHB312 Geographical Research Design

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 I
 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

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 (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.

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

The 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: Intro. 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 Units

HHB224 Qualitative Research Methods
HHB232 Survey Methods
HHB121 Interpreting The Past
HHB312 Geographical Research Design

Education Component

Year 3, Semester 1

EDB002 Teaching and Learning Studies 2: Development and Learning
EDB021 Primary Field Studies I: 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

CRICOS code: 020316C

Location: Gardens Point, Kelvin Grove and Carseldine

Course duration (full-time): 4 years

Total credit points: 432

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

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 I: Development and Learning in the Field Curriculum Studies IX Curriculum Studies IY

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

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

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

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	Business Information Analysis and Communication
	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
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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
Elective unit
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 Scott McCarthy (Banking and Finance); Mr Eugene McCann (Economics); Dr Josie Di Donato (Health Services Management); Cathy Neal (Marketing)

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. Students supplement the health services management component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point 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. For information on the double majors,

extended majors and specialisations, refer to the relevant section in the Bachelor of Business (BS56) course entry of the QUT Handbook.

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	Business Information Analysis and Communication
PUB251	Contemporary Public Health
PYB012	Psychology

Year 2, Semester 1

BSB111	Business Law and Ethics
BSB115	Management, People and Organisations
PUB326	
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

Course structure - Banking & Finance / Health Services Management

Year 1, Semester 1

BSB113	Economics
BSB122	Business Information Analysis and Communication
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 and Economics
 PUB418 Health Computer Systems
 PUB609 Health Resource Allocation
 PUB875 Professional Practice
 Double Major / Extended Major / Specialisation Unit

Course structure - Economics / Health Services Management

Year 1, Semester 1
 BSB113 Economics
 BSB122 Business Information Analysis and Communication
 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

Course structure - Marketing / Health Services Management

Year 1, Semester 1
 BSB122 Business Information Analysis and Communication
 BSB126 Marketing
 PUB104 Introduction to Health Services Management
 PUB107 Sustainable Environments for Health

Year 1, Semester 2
 AMB200 Consumer Behaviour
 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
 Elective

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); Ms Amanda Gudmundsson (Human Resource Management); Ms Sherrera Buckby (Electronic Business); Mr Thomas Cronk (International Business); Professor Robert Waldersee (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

Graduates may be eligible for membership of the Australasian Institute of Banking and Finance (AIBF), 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. Students supplement the health services management component of this program with the 96 credit point faculty core units in the Bachelor of Business program together with a 72 point 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. Business majors available are: Accountancy, Advertising, Banking and Finance, Economics, Electronic Business, Human Resource Management, International Business, Management, Marketing and Public Relations.

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 Business Information Analysis and Communication
 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
 ITB114 Networking Systems
 ITB233 Enterprise Systems Applications
 ITB823 Web Sites For Electronic Commerce
 MGB216 Managing Technology, Innovation and Knowledge

Course structure - Human Resource Management / Health Services Management

Year 1, Semester 1

BSB115 Management, People and Organisations

BSB122 Business Information Analysis and Communication
 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
 MGB222 Managing 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
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

BSB111 Business Law and Ethics
 MGB314 Organisational Consulting and Change
 Double Major / Extended Major / Specialisation Unit
 PUB511 Health Policy, Planning and Evaluation
 PUB514 Contract/Project Management

Year 4, Semester 2

MGB309 Strategic Management
 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.

Course structure - Management / Health Services Management

Year 1, Semester 1

BSB115 Management, People and Organisations
 BSB122 Business Information Analysis and Communication
 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
 MGB207 Human Resource Issues and Strategy
 PUB209 Health, Culture and Society
 Double Major / Extended Major / Specialisation Unit

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

LWS001 Medicine and The Law
 PUB480 Health Administration Finance
 Double Major / Extended Major / Specialisation
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

BSB111 Business Law and Ethics
 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

*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.

Course structure - Advertising / Health Services Management

Year 1, Semester 1

BSB122 Business Information Analysis and Communication
 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
 MGB207 Human Resource Issues and Strategy
 PUB209 Health, Culture and Society
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1

BSB113 Economics
 BSB114 Government, Business and Society
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit
 Public Health Elective

Year 3, Semester 2

BSB110 Accounting
 LWS001 Medicine and The Law
 PUB480 Health Administration Finance
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB320 Advertising Management
 BSB111 Business Law and Ethics
 PUB511 Health Policy, Planning and Evaluation
 PUB514 Contract/Project Management
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

AMB321 Advertising Campaigns
 PUB418 Health Computer Systems
 PUB609 Health Resource Allocation
 PUB875 Professional Practice
 Double Major / Extended Major / Specialisation Unit

Course structure - 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 Business and the World Economy
 IBB211 Globalisation and Business
 MGB207 Human Resource Issues and Strategy
 PUB209 Health, Culture and Society

Year 3, Semester 1

BSB111 Business Law and Ethics
 BSB122 Business Information Analysis and Communication
 Area Study 1
 Double Major / Extended Major / Specialisation Unit
 Public Health Elective

Year 3, Semester 2

LWS001 Medicine and The Law
 PUB480 Health Administration Finance
 Area Study 2
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

PUB511 Health Policy, Planning and Evaluation
 PUB514 Contract/Project Management
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

IBB300 International Business Strategy
 PUB418 Health Computer Systems
 PUB609 Health Resource Allocation
 PUB875 Professional Practice
 Double Major / Extended Major / Specialisation Unit

Area Study Units:

IBB217 Asian Business Development
 IBB317 Contemporary Business in Asia
 OR
 IBB208 European Business Development
 IBB308 Contemporary Business in Europe

Course structure - 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 Business and the World Economy
 MGB207 Human Resource Issues and Strategy
 PUB209 Health, Culture and Society
 Language 4

Year 3, Semester 1

BSB114 Government, Business and Society
 BSB122 Business Information Analysis and Communication
 IBB210 Export Management
 Language 5
 IBB205 Cross-Cultural Communication and Negotiation
 OR
 Public Health Elective

Year 3, Semester 2

IBB211 Globalisation and Business
 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 Units:

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development
 IBB317 Contemporary Business in Asia
 OR
 IBB208 European Business Development
 IBB308 Contemporary Business in Europe

■ 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 of Undergraduate Programs (Law)

Discipline coordinator: Ms Gayle Kerr (Advertising); Dr Kate Hutchings (Human Resource Management); Mr Tom Cronk (International Business); Professor Robert Waldersee (Management); Ms Robina Xavier (Public Relations)

Professional Recognition

The law component of the double degree satisfies the academic requirements for admission to practise as a Solicitor or Barrister in Queensland. For information on the academic requirements of the accrediting bodies recognising study in the Bachelor of Business component, refer to the section on professional recognition in the relevant majors within the Bachelor of Business (BS56) course summary sheet.

Course Design

Students supplement the law component of this program with seven Business faculty core units and one of the following Business majors: Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing or Public Relations, as well as three specialisation units. The three specialisation units must be selected from the series of specialisations provided. Deviation from the defined series of specialisations requires approval from the Director of Undergraduate Studies.

Course structure - Advertising**Year 1, Semester 1**

BSB115 Management, People and Organisations
 BSB122 Business Information Analysis and Communication
 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
 LWB137 Contracts B
 Business Specialisation Unit

Year 3, Semester 1

AMB320 Advertising Management
 LWB138 Fundamentals Of Torts
 LWB238 Fundamentals Of Criminal Law
 Business Specialisation Unit

Year 3, Semester 2

AMB321 Advertising Campaigns
 LWB139 Select Issues In Torts
 LW239 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
 LWB241 Trusts
 LWB331 Administrative Law
 LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
 LWB432 Evidence
 LWB434 Advanced Research and Legal Reasoning
 Elective

Year 5, Semester 2

LWB433 Professional Responsibility
 Elective Units
 Elective Units
 Elective Units

Course structure - Human Resource Management major**Year 1, Semester 1**

BSB110 Accounting
 BSB115 Management, People and Organisations
 BSB122 Business Information Analysis and Communication
 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
 MGB207 Human Resource Issues and Strategy
 MGB211 Organisational Behaviour
 LWB136 Contracts A

Year 2, Semester 2

BSB113 Economics
 LWB137 Contracts B
 MGB222 Managing Organisations
 Business Specialisation Unit

Year 3, Semester 1

MGB314 Organisational Consulting and Change
 LWB138 Fundamentals Of Torts
 LWB238 Fundamentals of Criminal Law
 Business Specialisation Unit

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

Course structure - 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 Business Information Analysis and Communication
 IBB210 Export Management
 Area Study 1
 LWB136 Contracts A

Year 2, Semester 2

IBB202 Business and the World Economy
 IBB211 Globalisation and 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
 Elective Unit

Year 5, Semester 2

LWB433 Professional Responsibility
 Elective
 Elective
 Elective

Area Study Units for the International Business Major

IBB217 Asian Business Development
 IBB317 Contemporary Business in Asia
 OR
 IBB208 European Business Development
 IBB308 Contemporary Business in Europe

Course structure - Management
Year 1, Semester 1

BSB110 Accounting
 BSB115 Management, People and Organisations
 BSB122 Business Information Analysis and Communication
 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
 LWB137 Contracts B
 Business Specialisation Unit

Year 3, Semester 1

MGB210 Production and Service Management
 LWB138 Fundamentals Of Torts
 LWB238 Fundamentals Of Criminal Law
 Business Specialisation Unit

Year 3, Semester 2

MGB309 Strategic Management
 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
 LWB241 Trusts
 LWB331 Administrative Law
 LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
 LWB432 Evidence
 LWB434 Advanced Research and Legal Reasoning
 Elective

Year 5, Semester 2

LWB433 Professional Responsibility
 Elective Units (36 cp)

Course structure - Public Relations
Year 1, Semester 1

BSB115 Management, People and Organisations
 BSB122 Business Information Analysis and Communication
 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
BSB110 Accounting
LWB137 Contracts B
Business Specialisation Unit

Year 3, Semester 1

AMB360 Corporate Communication Management
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law
Business Specialisation Unit

Year 3, Semester 2

AMB361 Public Relations Campaigns
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
LWB241 Trusts
LWB331 Administrative Law
LWB334 Corporate Law

Year 5, Semester 1

LWB431 Civil Procedure
LWB432 Evidence
LWB434 Advanced Research and Legal Reasoning
Elective

Year 5, Semester 2

LWB433 Professional Responsibility
Elective Units
Elective Units
Elective Units

*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.

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 and Economics
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
EFB202 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

IBB213 International Marketing
IBB304 Global Industry Analysis
IBB205 Cross-Cultural Communication and Negotiation

International Business- for students without an IB major

IBB211 Globalisation and Business
IBB210 Export Management
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 Scott McCarthy (Banking and Finance); Mr Eugene McCann (Economics); Dr Marilyn Healy (Marketing)

Professional Recognition

The law component of the double degree satisfies the academic requirements for admission to practise as a Solicitor or Barrister in Queensland. For information on the academic requirements of the accrediting bodies recognising study in the Bachelor of Business component, refer to the section on professional recognition in the relevant majors within the Bachelor of Business (BS56) course summary sheet.

Course Design

Students supplement the law component of this program with seven Business faculty core units and one of the following Business majors: Advertising, Banking and Finance, Economics, Human Resource Management, International Business, Management, Marketing or Public Relations, as well as three specialisation units. The three specialisation units must be selected from the series of specialisations provided. Deviation from the defined series of specialisations requires approval from the Director of Undergraduate Studies.

Course structure - Banking and Finance major

Year 1, Semester 1

BSB113 Economics
 BSB115 Management, People and Organisations
 BSB122 Business Information Analysis and Communication
 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 extended major/specialisation unit
 EFB210 Finance 1
 LWB136 Contracts A

Year 2, Semester 2

BSB119 International and Electronic Business
 EFB307 Finance 2
 EFB312 International Finance and Economics
 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 units

Course structure - Economics major

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 Business Information Analysis and Communication
 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 units

Course structure - Marketing major

Year 1, Semester 1

BSB122 Business Information Analysis and Communication
 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
Approved Business Specialisation Unit

Year 3, Semester 1

AMB340 Services Marketing
LWB138 Fundamentals Of Torts
LWB238 Fundamentals Of Criminal Law
Approved Business Specialisation Unit

Year 3, Semester 2

AMB341 Strategic Marketing
LWB139 Select Issues In Torts
LWB239 Criminal Responsibility
Approved 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 units

*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.

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 and Economics

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
EFB202 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

IBB213 International Marketing
IBB304 Global Industry Analysis
IBB205 Cross-Cultural Communication and Negotiation

International Business- for students without an IB major

IBB211 Globalisation and Business
IBB210 Export Management
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 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**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
 CTB219 Application Programming

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

Mid-year Intake Course structure**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
 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**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), Mr Eugene McCann (Economics)**Professional Recognition**

Students may be eligible for membership of the Economic Society of Australia (Queensland Division), CPA Australia, the Institute of Chartered Accountants in Australia (ICAA), the Institute of Chartered Secretaries and other professional associations, depending on unit selection. 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**Year 1, Semester 1**

BSB110 Accounting
 BSB113 Economics
 BSB122 Business Information Analysis and Communication
 EDB002 Teaching and Learning Studies II: Development and Learning

Year 1, Semester 2

AYB121 Financial Accounting
 BSB111 Business Law and Ethics
 EFB101 Data Analysis for Business
 EFB102 Economics 2
 EDB031 Secondary Field Studies 1: Development and Learning in the Field

Year 2, Semester 1

AYB220 Company Accounting
 EFB202 Business Cycles and Economic Growth
 EFB210 Finance 1
 EFB211 Firms, Markets and Resources
 CLB009 Accounting and Business Management Curriculum Studies 1

Year 2, Semester 2

AYB221 Computerised Accounting Systems
 AYB225 Management Accounting
 BSB119 International and Electronic Business
 EFB314 International Trade and Economic Competitiveness
 EFB323 Financial and Monetary Economics

* Prior to 2000 EFB305 Current Economic Policy Challenges was a core unit in the Economics Major. Students who have completed this unit are not required to undertake EFB323 Financial and Monetary Economics.

Year 3, Semester 1

AYB301 Auditing
 BSB114 Government, Business and Society
 BSB115 Management, People and Organisations
 BSB126 Marketing
 CLB015 Economics 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
 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
EDB034	Secondary Field Studies IV: Professional Work of Teachers: Induction into Practice
EDB035	Internship (Secondary) Education Elective

■ 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); Dr Scott McCarthy (Banking and Finance); Mr Eugene McCann (Economics); Ms Sherrena Buckby (Electronic Business); Ms Amanda Gudmundsson (Human Resource Management); Mr Tom Cronk (International Business); Professor Robert Waldersee (Management); Ms Cathy Neal (Marketing); Ms Robina Xavier (Public Relations)

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

Students completing the Bachelor of Business degree may, subject to choice of major, extended major, or specialisation, satisfy the academic requirements for membership of: CPA Australia, Institute of Chartered Accountants in Australia (ICAA), Australasian Institute of Banking and Finance (AIBF), Economic Society of Australia (Qld), Australian Institute of Export (Qld) Ltd, Advertising Institute of Australia, Public Relations Institute of Australia, Australian Human Resources Institute, Australian Institute of Management, Australian Institute of Training and Development, Australian Marketing Institute, Market Research Society of Australia and American Marketing Association. Graduates of the Bachelor of Information Technology meet the knowledge requirement for admission to the Australian Computer Society.

Business Faculty Core units

Students must complete:

- BSB110 Accounting
 - BSB113 Economics
 - BSB115 Management, People & Organisations
 - BSB122 Business Information Analysis & Communication
- Plus a choice of two Faculty Core units:
- BSB111 Business Law and Ethics
 - BSB114 Government, Business & Society
 - BSB119 International and Electronic Business
 - BSB126 Marketing

NOTE: Faculty Core choice units have been pre-selected for some majors in order to meet pre-requisite and professional recognition requirements.

Course structure - Accountancy (for students seeking professional recognition)

Year 1, Semester 1

- ITB111 Software Development 1
- ITB115 Introduction to Databases
- ITB116 IT Professional Studies 1
- BSB122 Business Information Analysis and Communication

Year 1, Semester 2

- BSB110 Accounting
- BSB111 Business Law and Ethics
- BSB113 Economics
- ITB117 IT Professional Studies 2

Year 2, Semester 1

- AYB121 Financial Accounting
- AYB223 Law of Business Associations
- BSB115 Management, People and Organisations
- EFB101 Data Analysis for Business

Year 2, Semester 2

- ITB114 Networking Systems
- ITB118 ICT Systems Life Cycle
- ITB227 Web Applications
- ITB229 Information Systems Modelling

Year 3, Semester 1

- AYB220 Company Accounting
- AYB221 Computerised Accounting Systems
- BSB114 Government, Business and Society
- EFB210 Finance 1

Year 3, Semester 2

- AYB225 Management Accounting
- AYB301 Auditing
- AYB325 Taxation Law
- EFB102 Economics 2

Year 4, Semester 1

- ITB218 Applications Programming
- ITB222 Business Systems Analysis
- ITB232 Database Systems
- IT Elective Unit

Year 4, Semester 2

- ITB228 Enterprise Systems
- IT Elective Unit
- IT Elective Unit
- IT Elective Unit

Year 5, Semester 1

- AYB311 Financial Accounting Issues
- AYB321 Strategic Management Accounting
- ITB240 Project (Information Systems)
- IT Elective Unit

Course structure - Accountancy (for students not seeking professional recognition)

Year 1, Semester 1

- ITB111 Software Development 1
- ITB115 Introduction to Databases
- ITB116 IT Professional Studies 1
- BSB122 Business Information Analysis and Communication

Year 1, Semester 2

- BSB110 Accounting
- BSB113 Economics
- Choice of Business Faculty Core Unit
- ITB117 IT Professional Studies 2

Year 2, Semester 1

- AYB121 Financial Accounting
- BSB115 Management, People and Organisations
- EFB101 Data Analysis for Business
- Double Major / Specialisation Unit

Year 2, Semester 2

- ITB114 Networking Systems
- ITB118 ICT Systems Life Cycle
- ITB227 Web Applications
- ITB229 Information Systems Modelling

Year 3, Semester 1

- AYB220 Company Accounting
- Choice of Business Faculty Core Unit
- Double Major / Specialisation Unit
- Double Major / Specialisation Unit

Year 3, Semester 2

AYB221 Computerised Accounting Systems
 AYW225 Management Accounting
 Double Major / Specialisation Unit
 Double Major / Specialisation Unit

Year 4, Semester 1

ITB218 Applications Programming
 ITB222 Business Systems Analysis
 ITB232 Database Systems
 IT Elective Unit

Year 4, Semester 2

ITB228 Enterprise Systems
 IT Elective Unit
 IT Elective Unit
 IT Elective Unit

Year 5, Semester 1

AYB301 Auditing
 ITB240 Project (Information Systems)
 IT Elective Unit
 Double Major / Specialisation Unit

Course structure - Advertising**Year 1, Semester 1**

ITB111 Software Development 1
 ITB115 Introduction to Databases
 ITB116 IT Professional Studies 1
 BSB122 Business Information Analysis and Communication

Year 1, Semester 2

BSB115 Management, People and Organisations
 BSB126 Marketing
 ITB117 IT Professional Studies 2
 Choice of Business Faculty core unit

Year 2, Semester 1

AMB200 Consumer Behaviour
 AMB220 Advertising Theory and Practice
 BSB113 Economics
 Double Major / Extended Major / Specialisation Unit

Year 2, Semester 2

ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 ITB227 Web Applications
 ITB229 Information Systems Modelling

Year 3, Semester 1

AMB221 Advertising Copywriting
 AMB222 Media Planning
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

AMB320 Advertising Management
 BSB110 Accounting
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

ITB218 Applications Programming
 ITB222 Business Systems Analysis
 ITB232 Database Systems
 IT Elective Unit

Year 4, Semester 2

ITB228 Enterprise Systems
 IT Elective Unit
 IT Elective Unit
 IT Elective Unit

Year 5, Semester 1

AMB321 Advertising Campaigns
 ITB240 Project (Information Systems)
 IT Elective Unit
 Double Major / Extended Major / Specialisation Unit

Course structure - Banking & Finance**Year 1, Semester 1**

ITB111 Software Development 1
 ITB115 Introduction to Databases
 ITB116 IT Professional Studies 1
 BSB122 Business Information Analysis and Communication

Year 1, Semester 2

BSB110 Accounting
 BSB113 Economics
 Choice of Business faculty core unit

ITB117 IT Professional Studies 2

Year 2, Semester 1

BSB115 Management, People and Organisations
 EFB101 Data Analysis for Business
 EFB102 Economics 2
 EFB210 Finance 1

Year 2, Semester 2

ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 ITB227 Web Applications
 ITB229 Information Systems Modelling

Year 3, Semester 1

EFB201 Financial Markets
 Choice of Business faculty core unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

EFB307 Finance 2
 EFB312 International Finance and Economics
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

ITB218 Applications Programming
 ITB222 Business Systems Analysis
 ITB232 Database Systems
 IT Elective Unit

Year 4, Semester 2

ITB228 Enterprise Systems
 IT Elective Unit
 IT Elective Unit
 IT Elective Unit

Year 5, Semester 1

ITB240 Project (Information Systems)
 IT Elective Unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Course structure - Economics**Year 1, Semester 1**

ITB111 Software Development 1
 ITB115 Introduction to Databases
 ITB116 IT Professional Studies 1
 BSB122 Business Information Analysis and Communication

Year 1, Semester 2

BSB110 Accounting
 BSB113 Economics
 ITB117 IT Professional Studies 2
 Choice of Business faculty core unit

Year 2, Semester 1

BSB115 Management, People and Organisations
 EFB101 Data Analysis for Business
 EFB102 Economics 2
 Choice of Business faculty core unit

Year 2, Semester 2

ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 ITB227 Web Applications
 ITB229 Information Systems Modelling

Year 3, Semester 1

EFB202 Business Cycles and Economic Growth
 EFB211 Firms, Markets and Resources
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

EFB314 International Trade and Economic Competitiveness
 EFB323 Financial and Monetary Economics
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

ITB218 Applications Programming
 ITB222 Business Systems Analysis
 ITB232 Database Systems
 IT Elective Unit

Year 4, Semester 2

ITB228 Enterprise Systems
 IT Elective Unit
 IT Elective Unit
 IT Elective Unit

Year 5, Semester 1

ITB240 Project (Information Systems)

IT Elective Unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit
 Choice of Business faculty core unit

Course structure - Electronic Business

Year 1, Semester 1

ITB111 Software Development 1
 ITB115 Introduction to Databases
 ITB116 IT Professional Studies 1
 BSB122 Business Information Analysis and Communication

Year 1, Semester 2

BSB110 Accounting
 BSB111 Business Law and Ethics
 BSB119 International and Electronic Business
 ITB117 IT Professional Studies 2

Year 2, Semester 1

BSB113 Economics
 BSB115 Management, People and Organisations
 BSB212 Electronic Business Applications
 Business Double Major Unit

Year 2, Semester 2

ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 ITB227 Web Applications
 ITB229 Information Systems Modelling

Year 3, Semester 1

MGB334 Managing in a Changing Environment
 Electronic Business Elective
 Business Double Major Unit
 Business Double Major Unit

Year 3, Semester 2

BSB213 Legal Issues in Electronic Business
 BSB314 E-Business Intelligence
 Electronic Business Elective unit
 Business Double Major unit

Year 4, Semester 1

ITB218 Applications Programming
 ITB222 Business Systems Analysis
 ITB232 Database Systems
 IT Elective Unit

Year 4, Semester 2

ITB228 Enterprise Systems
 IT Elective Unit
 IT Elective Unit
 IT Elective Unit

Year 5, Semester 1

ITB240 Project (Information Systems)
 IT Elective Unit
 Business Double Major Unit
 Business Double Major Unit

Electronic Business Elective List:

AMB230 Internet Promotion
 AYB221 Computerised Accounting Systems
 IBB303 International Logistics
 MGB216 Managing Technology, Innovation and Knowledge

Course structure - Human Resource Management

Year 1, Semester 1

ITB111 Software Development 1
 ITB115 Introduction to Databases
 ITB116 IT Professional Studies 1
 BSB122 Business Information Analysis and Communication

Year 1, Semester 2

BSB113 Economics
 BSB115 Management, People and Organisations
 ITB117 IT Professional Studies 2
 Choice of Business Faculty core unit

Year 2, Semester 1

BSB110 Accounting
 MGB207 Human Resource Issues and Strategy
 MGB220 Management Research Methods
 MGB222 Managing Organisations

Year 2, Semester 2

ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 ITB227 Web Applications
 ITB229 Information Systems Modelling

Year 3, Semester 1

MGB211 Organisational Behaviour

Year 3, Semester 2

MGB309 Strategic Management
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

ITB218 Applications Programming
 ITB222 Business Systems Analysis
 ITB232 Database Systems
 IT Elective Unit

Year 4, Semester 2

ITB228 Enterprise Systems
 IT Elective Unit
 IT Elective Unit
 IT Elective Unit

Year 5, Semester 1

MGB314 Organisational Consulting and Change
 ITB240 Project (Information Systems)
 IT Elective Unit
 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.

Course structure - International Business

Year 1, Semester 1

ITB111 Software Development 1
 ITB115 Introduction to Databases
 ITB116 IT Professional Studies 1
 BSB122 Business Information Analysis and Communication

Year 1, Semester 2

BSB115 Management, People and Organisations
 BSB119 International and Electronic Business
 ITB117 IT Professional Studies 2
 Choice of Business faculty core unit

Year 2, Semester 1

BSB110 Accounting
 BSB113 Economics
 IBB210 Export Management
 Double Major / Extended Major / Specialisation Unit

Year 2, Semester 2

ITB114 Networking Systems
 ITB118 ICT Systems Life Cycle
 ITB227 Web Applications
 ITB229 Information Systems Modelling

Year 3, Semester 1

Area Study1
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

IBB202 Business and the World Economy
 IBB211 Globalisation and Business
 Area Study 2
 Double Major / Extended Major / Specialisation

Year 4, Semester 1

ITB218 Applications Programming
 ITB222 Business Systems Analysis
 ITB232 Database Systems
 IT Elective Unit

Year 4, Semester 2

ITB228 Enterprise Systems
 IT Elective Unit
 IT Elective Unit
 IT Elective Unit

Year 5, Semester 1

ITB240 Project (Information Systems)
 IT Elective Unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Area Study Units:

IBB217 Asian Business Development

IBB317	Contemporary Business in Asia OR
IBB208	European Business Development
IBB308	Contemporary Business in Europe

Course structure - Management

Year 1, Semester 1

ITB111	Software Development 1
ITB115	Introduction to Databases
ITB116	IT Professional Studies 1
BSB122	Business Information Analysis and Communication

Year 1, Semester 2

BSB113	Economics
BSB115	Management, People and Organisations
ITB117	IT Professional Studies 2 Choice of Business faculty core unit

Year 2, Semester 1

BSB110	Accounting
MGB220	Management Research Methods
MGB222	Managing Organisations Choice of Business faculty core unit

Year 2, Semester 2

ITB114	Networking Systems
ITB118	ICT Systems Life Cycle
ITB227	Web Applications
ITB229	Information Systems Modelling

Year 3, Semester 1

MGB210	Production and Service Management
MGB211	Organisational Behaviour Double Major / Extended Major / Specialisation Unit Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

MGB309	Strategic Management
MGB334	Managing in a Changing Environment Double Major / Extended Major / Specialisation Unit Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

ITB218	Applications Programming
ITB222	Business Systems Analysis
ITB232	Database Systems IT Elective Unit

Year 4, Semester 2

ITB228	Enterprise Systems IT Elective Unit IT Elective Unit IT Elective Unit
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Year 5, Semester 1

ITB240	Project (Information Systems) IT Elective Unit Double Major / Extended Major / Specialisation Unit Double Major / Extended Major / Specialisation Unit
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*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.

Course structure - Marketing

Year 1, Semester 1

ITB111	Software Development 1
ITB115	Introduction to Databases
ITB116	IT Professional Studies 1
BSB122	Business Information Analysis and Communication

Year 1, Semester 2

BSB115	Management, People and Organisations
BSB126	Marketing
ITB117	IT Professional Studies 2 Choice of Business faculty core unit

Year 2, Semester 1

AMB200	Consumer Behaviour
AMB240	Marketing Planning and Management
BSB113	Economics Double Major / Extended Major / Specialisation Unit

Year 2, Semester 2

ITB114	Networking Systems
ITB118	ICT Systems Life Cycle
ITB227	Web Applications
ITB229	Information Systems Modelling

Year 3, Semester 1

AMB201	Marketing and Audience Research
AMB241	E-Marketing Strategies Double Major / Extended Major / Specialisation Unit Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

AMB340	Services Marketing
BSB110	Accounting Double Major / Extended Major / Specialisation Unit Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

ITB218	Applications Programming
ITB222	Business Systems Analysis
ITB232	Database Systems IT Elective Unit

Year 4, Semester 2

ITB228	Enterprise Systems IT Elective Unit IT Elective Unit IT Elective Unit
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Year 5, Semester 1

AMB341	Strategic Marketing
ITB240	Project (Information Systems) IT Elective Unit 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.

Course structure - Public Relations

Year 1, Semester 1

ITB111	Software Development 1
ITB115	Introduction to Databases
ITB116	IT Professional Studies 1
BSB122	Business Information Analysis and Communication

Year 1, Semester 2

BSB115	Management, People and Organisations
BSB126	Marketing
ITB117	IT Professional Studies 2 Choice of Business faculty core unit

Year 2, Semester 1

AMB201	Marketing and Audience Research
AMB260	Public Relations Theory and Practice
BSB113	Economics Double Major / Extended Major / Specialisation Unit

Year 2, Semester 2

ITB114	Networking Systems
ITB118	ICT Systems Life Cycle
ITB227	Web Applications
ITB229	Information Systems Modelling

Year 3, Semester 1

AMB261	Media Relations and Publicity
AMB262	Public Relations Writing Double Major / Extended Major / Specialisation Unit Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

AMB360	Corporate Communication Management
BSB110	Accounting Double Major / Extended Major / Specialisation Unit Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

ITB218	Applications Programming
ITB222	Business Systems Analysis
ITB232	Database Systems IT Elective Unit

Year 4, Semester 2

ITB228	Enterprise Systems IT Elective Unit IT Elective Unit IT Elective Unit
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Year 5, Semester 1

AMB361	Public Relations Campaigns
ITB240	Project (Information Systems) IT Elective Unit 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.

IT Elective Units

See Bachelor of Applied Science/Bachelor of Information Technology (IF29) for details.

■ 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: Ms Angelina Russo (Creative Industries); Dr Alan Tickle (Info Tech)

Discipline coordinator: Ms Angelina Russo (Creative Industries)

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

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
KIB807 Media Technology 1
ITB111 Software Development 1
ITB113 Systems Architecture

Year 1, Semester 2

KIB802 Foundations Of Communication Design 2
KIB808 Media Technology 2
ITB112 Software Development 2
ITB115 Introduction to Databases

Year 2, Semester 1

Creative Industries Core Unit
KIB803 Temporal Media
ITB114 Networking Systems
ITB116 IT Professional Studies 1

Year 2, Semester 2

KIB812 Interdisciplinarity for the Creative Industries
ITB229 Information Systems Modelling
ITB610 Software Development 3
ITB624 Internetworking

Year 3, Semester 1

KIB805 Design Project A
KIB809 Interaction Design
KIB810 Information Architecture
IT Elective Unit

Year 3, Semester 2

KIB804 3-D Animation 1
ITB612 Software Engineering Principles
ITB611 Object Technology
ITB648 Graphics

Year 4, Semester 1

KIB860 Project
ITB649 Object Modelling and Games Design
Communication Design Elective
Communication Design Elective

Year 4, Semester 2

KIB056 Professional Studies
KIB860 Project
Communication Design Elective
IT Elective Unit

Communication Design Electives

Semester 1

KIB813 Contemporary Issues In Design and Technology
KIB816 Interactive Writing
KIB823 Design Practice
KMB626 Music and Sound For Multimedia

Semester 2

KIB815 Inter-facing Media
KIB819 Electronic Publishing
KIB820 3-D Animation 2
KIB821 Mixed Realities

IT Elective Units

See Bachelor of Applied Science/Bachelor of Information Technology (IF29) for details.

■ 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: Ms Donna Brien (Creative Writing);

Director, Undergraduate Programs (Law)

Discipline coordinator: Assoc Prof Philip Neilsen (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

KWB250 Introduction To Creative Writing
KWB111 Media Writing
Creative Industries Core Unit
Introduction to Legal Research
LWB141 Legal Institutions and Method
LWB142 Law, Society and Justice

Year 1, Semester 2

KWB350 Creative Writing: 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 Creative 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 [12cp]
 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

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

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

KCB101 Communication in the New Economy
 KCB140 Media and Society: From Printing Press To Internet
 KCB295 Virtual Cultures
 KCB311 Political Communication
 KDB125 Deconstructing Dance In History
 KDB172 World Dance
 KDX104 Architecture Of The Body
 KIB811 Visual Interactions
 KIB813 Contemporary Issues In Design and Technology
 KIB814 Enabling Immersion
 KIB816 Interactive Writing
 KJB121 Journalistic Inquiry
 KMB631 World Music
 KMB638 Sound and Image
 KMB640 Sex, Drugs, Rock N Roll
 KMB650 Introductory Ensemble
 KMB667 Music and Spirituality
 KPB118 Photomedia: Traditions and Techniques
 KPB130 Media Text Analysis
 KPB209 Australian Television
 KPB314 Media Business
 KPB343 Australian Film
 KPB359 Film History
 KSB259 The Performance Instrument: Body and Voice
 KSB278 Technical Theatre
 KTB061 Arts Management

KTB208 Elements Of Drama
 KTB252 The Sound Of Theatre
 KTB253 Staging Australia
 KTB275 Understanding Performance
 KVB444 Contemporary Asian Visual Culture
 KVB447 Drawing
 KVB457 Sculpture
 KVB509 Photomedia and Artistic Practice
 KVB511 Printmaking
 KVB702 Australian and Indigenous Art
 KVB712 Contemporary Art Issues
 KVB503 Clay Materials
 KWB111 Media Writing
 KWB315 Persuasive Writing
 KWB321 Modern Times: Literature and Culture in the 20th Century
 KWB724 Wonderlands: Literature and Culture In The 19th Century
 KWB250 Introduction To Creative Writing
 KWB350 Creative Writing: Short Story
 KWB381 Creative Nonfiction: Arts, Humour, Travel
 KWB625 American Stories
 KWB716 Introduction To Literary Theory and Cultural Studies

Semester 2

KCB101 Communication in the New Economy
 KCB204 Globalisation and New Media
 KCB336 New Media Technologies
 KDB106 Dance Analysis
 KDB114 Australian Dance
 KDB176 Popular Dance Styles
 KIB819 Electronic Publishing
 KIB825 Animation Practices
 KJB101 Journalism Information Systems
 KJB120 Newswriting
 KMB638 Sound and Image
 KPB118 Photomedia: Traditions and Techniques
 KPB141 Film and Television Language
 KPB305 American Film: Genres and Directors
 KPB358 Documentary Theory and Practice
 KPB344 International Cinema
 KSB278 Technical Theatre
 KTB056 Professional Studies: Performing Self
 KTB062 Arts Events
 KTB251 20th Century Stages
 KTB271 Studies In Directing
 KVB447 Drawing
 KVB457 Sculpture
 KVB507 Painting
 KVB509 Photomedia and Artistic Practice
 KVB511 Printmaking
 KVB701 Modernism
 KVB703 Video Art and Culture
 KVB704 Theories Of Spatial Culture
 KVB503 Clay Materials
 KWB111 Media Writing
 KWB314 Corporate Writing and Editing
 KWB350 Creative Writing: Short Story
 KWB380 Creative Nonfiction: Life Writing
 KWB712 Youth and Children's Writing
 KWB725 Popular Fictions, Popular Culture
 KWB729 Shakespeare, Then and Now

■ Bachelor of Creative Industries (Dance)/Bachelor of Education (Secondary) (IX05)

Award title: Bachelor of Creative Industries (Dance)/Bachelor of Education

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: Mr Evan Jones (Creative Industries); Dr Peter Bond (Education)

Discipline coordinator: Assoc Prof Cheryl Stock (Creative Industries)

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**

Creative Industries Core Unit - List A
KDB180 Dance Technique Studies 1
KDX104 Architecture Of The Body
KDB172 World Dance
Second Teaching Area Unit

Year 1, Semester 2

Creative Industries Core Unit - List A
KDX143 Choreographic Studies 1
KDB114 Australian Dance
Second Teaching Area Unit
Select one of the following units:
KDB181 Dance Technique Studies 2
KDB171 Theatre Dance Styles
KDB176 Popular Dance Styles

Year 2, Semester 1

KDB182 Dance Technique Studies 3
KDX144 Choreographic Studies 2
KDB125 Deconstructing Dance In History
KDB117 Dance In Education
Second Teaching Area Unit

Year 2, Semester 2

KDB183 Dance Technique Studies 4
KDB106 Dance Analysis
KDX144 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
KDX143 Choreographic Studies 1
KDB114 Australian Dance
KTB251 20th Century Stages
Choose one of the following three units
KDB181 Dance Technique Studies 2
KDB171 Theatre Dance Styles
KDB176 Popular Dance Styles

Year 2, Semester 1

KDB182 Dance Technique Studies 3
KDX144 Choreographic Studies 2
KDB117 Dance In Education
KTB253 Staging Australia
KTB214 Process Drama

Year 2, Semester 2

KDB183 Dance Technique Studies 4
KDB106 Dance Analysis
KTB280 Drama As Social Action
KTB304 Forming Knowledge
KDX144 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
KDX143 Choreographic Studies 1
KDB114 Australian Dance
KMB619 Music and Sound Technology
Select one of the following units:
KDB181 Dance Technique Studies 2
KDB171 Theatre Dance Styles
KDB176 Popular Dance Styles

Year 2, Semester 1

KDB182 Dance Technique Studies 3
KDX144 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
KDB106 Dance Analysis
KDX144 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
KVB509 Photomedia and Artistic Practice

Year 1, Semester 2

Creative Industries Core Unit - List A
KDX143 Choreographic Studies 1
KDB114 Australian Dance
KVB701 Modernism
Select one of the following units:
KDB181 Dance Technique Studies 2
KDB171 Theatre Dance Styles
KDB176 Popular Dance Styles

Year 2, Semester 1

KDB182 Dance Technique Studies 3
KDX144 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
KVB509 Photomedia and Artistic Practice

Year 2, Semester 2

KDB183 Dance Technique Studies 4
KDB106 Dance Analysis
KDX144 Choreographic Studies 2
Select one of the following units:
KDB171 Theatre Dance Styles
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

■ Bachelor of Creative Industries (Drama)/Bachelor of Education (Secondary) (IX06)

Award title: Bachelor of Creative Industries (Drama)/Bachelor of Education

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: Ms Christine Comans (Creative Industries);
Dr Peter Bond (Education)

Discipline coordinator: Assoc Prof Judith McLean (Creative Industries)

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
- KTB257 Studies In Acting 1
- KSB259 The Performance Instrument: Body and Voice
Second Teaching Area Unit

Year 1, Semester 2

- KTB251 20th Century Stages
- KTB271 Studies In Directing
- KTB273 Performance 1
- KSB278 Technical Theatre
Second Teaching Area Unit

Year 2, Semester 1

- Creative Industries Core Unit - List A
- KTB214 Process Drama
- 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
- KTB253 Staging Australia
- KTB201 Drama 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
- KTB202 Drama 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
- 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)
Education Elective

Drama with STA in Dance

Year 1, Semester 1

- Creative Industries Core Unit - List A
- 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 Stages
 KTB271 Studies In Directing
 KTB273 Performance 1

Year 2, Semester 1

KDB182 Dance Technique Studies 3
 KDB117 Dance In Education
 KTB214 Process Drama
 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
 KTB253 Staging Australia
 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) Education Elective

Drama with STA in LOTE

Year 1, Semester 1

Creative Industries Core Unit - List A
 KTB257 Studies In Acting 1
 KSB259 The Performance Instrument: Body and Voice
 LOTE Second Teaching Area Unit

Year 1, Semester 2

KTB251 20th Century Stages
 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
 KTB214 Process Drama
 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
 KTB253 Staging Australia
 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) Education Elective

Drama with STA in Music

Year 1, Semester 1

Creative Industries Core Unit - List A
 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 Stages
 KTB271 Studies In Directing
 KTB273 Performance 1
 KMB619 Music and Sound Technology

Year 2, Semester 1

KTB214 Process Drama
 KTB308 Performance 2
 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
 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
 KTB253 Staging Australia
 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) Education Elective

Drama with STA in Visual Arts

Year 1, Semester 1

Creative Industries Core Unit - List A
 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 Stages
 KTB271 Studies In Directing
 KTB273 Performance 1

Year 2, Semester 1

KVB702 Australian and Indigenous Art
 KTB214 Process Drama
 KTB308 Performance 2
 KSB278 Technical Theatre

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

KTB253 Staging Australia
 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) 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

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 Arts Management
 KTB252 The Sound Of Theatre
 KTB275 Understanding Performance
 KTB277 Physical Theatre
 KTB306 Directing For Theatre

Semester 2 Drama Electives

KTB062 Arts Events
 KTB258 Studies In Acting 2
 KTB307 Writing For Performance
 KTB061 Arts Management

Creative Industries Open Electives

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

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

■ Bachelor of Creative Industries (Media and Communication)/Bachelor of Business (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 Terry Flew (Creative Industries)

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 Creative Industries 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.

Professional Membership

Depending on the choice of major, extended major or specialisation graduates may be eligible for membership of:

- Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association.
- International Business - Economic Society of Australia, Australian Institute of Export (Qld) Ltd.
- Public Relations - Public Relations Institute of Australia.

Course structure - Advertising (8 semester Concurrent Model)

Year 1, Semester 1

BSB122 Business Information Analysis and Communication
 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
 KCB336 New Media Technologies
 Creative Industries Elective
 Double Major/Extended Major/Specialisation Unit

Year 3, Semester 1

BSB113 Economics
 BSB115 Management, People and Organisations
 KCB349 Media Audiences
 KCB295 Virtual Cultures
 Double Major/Extended Major/Specialisation Unit

Year 3, Semester 2

BSB110 Accounting
 BSB114 Government, Business and Society
 KCB335 Managing Communication Resources
 Creative Industries Elective
 Double Major/Extended Major/Specialisation Unit

Year 4, Semester 1

AMB320 Advertising Management
 BSB111 Business Law and Ethics
 KCB311 Political Communication
 Creative Industries Elective*
 Double Major/Extended Major/Specialisation

Year 4, Semester 2

AMB321 Advertising Campaigns
 KCB204 Globalisation and New Media
 Creative Industries Elective
 Double Major/Extended Major/Specialisation Unit
 Double Major/Extended Major/Specialisation Unit

*With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 or their degree as electives

Course structure - Advertising (9 Semester Concurrent Model)

Year 1, Semester 1

BSB122 Business Information Analysis and Communication
 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
 KCB150 Media and Communications Industries
 Creative Industries Elective
 Double Major / Extended Major / Specialisation Unit

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
 KCB335 Managing Communication Resources
 Creative Industries Elective
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB320 Advertising Management
 KCB311 Political Communication
 Double Major / Extended Major / Specialisation
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

AMB321 Advertising Campaigns
 KCB204 Globalisation and New Media
 Creative Industries Elective*
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

BSB110 Accounting
 BSB111 Business Law and Ethics
 Creative Industries Elective*

Double Major / Extended Major / Specialisation Unit

* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

Course structure - 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 Business and the World Economy
 IBB211 Globalisation and Business
 KCB336 New Media Technologies
 Creative Industries Core Unit - See List A

Year 3, Semester 1

IBB210 Export Management
 KCB349 Media Audiences
 Area Study 1
 Double Major / Extended Major / Specialisation Unit
 KCB295 Virtual Cultures

Year 3, Semester 2

BSB122 Business Information Analysis and Communication
 Area Study 2
 Creative Industries Elective
 Double Major / Extended Major / Specialisation Unit
 KCB335 Managing Communication Resources

Year 4, Semester 1

BSB111 Business Law and Ethics
 KCB311 Political Communication
 Creative Industries Elective*
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

IBB300 International Business Strategy
 KCB204 Globalisation and New Media
 Creative industries Elective*
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Area Study Units

Students must complete one of the following pairs of area study units:

Pair 1
 IBB217 Asian Business Development
 IBB317 Contemporary Business in Asia
 OR
 Pair 2
 IBB208 European Business Development
 IBB308 Contemporary Business in Europe

Course structure - 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
 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 Business and the World Economy
 IBB211 Globalisation and Business
 KCB150 Media and Communications Industries
 Creative Industries Elective

Year 3, Semester 1

IBB210 Export Management
 KCB349 Media Audiences
 KCB295 Virtual Cultures
 Area Study 1

Year 3, Semester 2

BSB122 Business Information Analysis and Communication
 Area Study 2
 Creative Industries Elective
 KCB335 Managing Communication Resources

Year 4, Semester 1

BSB111 Business Law and Ethics
 KCB311 Political Communication
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

IBB300 International Business Strategy
 Creative industries Elective*
 Double Major / Extended Major / Specialisation Unit
 KCB204 Globalisation and New Media

Year 5, Semester 1

Creative Industries Elective*
 Double Major/Extended Major/Specialisation Unit
 Double Major/Extended Major/Specialisation Unit
 Double Major/Extended Major/Specialisation Unit

Area Study Units

Students must complete one of the following pairs of area study units:

Pair 1

IBB217 Asian Business Development
 IBB317 Contemporary Business in Asia
 OR

Pair 2

IBB208 European Business Development
 IBB308 Contemporary Business in Europe

* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives

Course structure -International Business (With Language - 8 Semester Concurrent Model)

Year 1, Semester 1

BSB119 International and Electronic Business
 KCB140 Media and Society: From Printing Press To Internet
 Creative Industries Core Unit - See List A
 Language 1

Year 1, Semester 2

BSB113 Economics
 KCB336 New Media Technologies
 KCB101 Communication in the New Economy
 Language 2

Year 2, Semester 1

BSB122 Business Information Analysis and Communication
 KCB213 Strategic Speech Communication
 Creative Industries Core Unit - See List A
 Language 3

Year 2, Semester 2

IBB202 Business and the World Economy
 KCB150 Media and Communications Industries
 Creative Industries Elective
 Language 4

Year 3, Semester 1

BSB114 Government, Business and Society
 BSB126 Marketing
 KCB349 Media Audiences
 Language 5
 OR

IBB205 Cross-Cultural Communication and Negotiation

KCB295 Virtual Cultures

Year 3, Semester 2

BSB110 Accounting
 IBB211 Globalisation and Business
 Creative Industries Elective
 Language 6
 OR

International Business Elective Unit
 KCB335 Managing Communication Resources

Year 4, Semester 1

BSB115 Management, People and Organisations
 IBB210 Export Management
 KCB311 Political Communication
 Area Study 1
 Creative Industries Elective*

Year 4, Semester 2

BSB111 Business Law and Ethics
 IBB300 International Business Strategy
 Creative Industries Elective*
 Area Study 2

KCB204 Globalisation and New Media

Area Study Units

Students must complete one of the following pairs of area study units:

Pair 1

IBB217 Asian Business Development
 IBB317 Contemporary Business in Asia
 OR

Pair 2

IBB208 European Business Development
 IBB308 Contemporary Business in Europe

* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

Course structure - International Business (With Language - 9 Semester Concurrent Model)

Year 1, Semester 1

BSB119 International and Electronic Business
 KCB140 Media and Society: From Printing Press To Internet
 Creative Industries Core Unit - See List A
 Language 1

Year 1, Semester 2

BSB113 Economics
 KCB336 New Media Technologies
 KCB101 Communication in the New Economy
 Language 2

Year 2, Semester 1

BSB122 Business Information Analysis and Communication
 KCB213 Strategic Speech Communication
 Creative Industries Core Unit - See List A
 Language 3

Year 2, Semester 2

IBB202 Business and the World Economy
 KCB150 Media and Communications Industries
 Creative Industries Elective
 Language 4

Year 3, Semester 1

BSB126 Marketing
 KCB349 Media Audiences
 Language 5
 OR
 IBB205 Cross-Cultural Communication and Negotiation

KCB295 Virtual Cultures

Year 3, Semester 2

IBB211 Globalisation and Business
 Creative Industries Elective
 Language 6
 OR

International Business Elective Unit (IBB2xx, IBB3xx)
 KCB335 Managing Communication Resources

Year 4, Semester 1

BSB115 Management, People and Organisations
 KCB311 Political Communication
 Area Study 1
 Creative Industries Elective*

Year 4, Semester 2

BSB114 Government, Business and Society
 IBB300 International Business Strategy
 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*

Area Study Units:

Students must complete one of the following pairs of area study units:

Pair 1

IBB217	Asian Business Development
IBB317	Contemporary Business in Asia Pair 2 OR
IBB208	European Business Development
IBB308	Contemporary Business in Europe

* With approval of the Creative Industries Course Coordinator, students can enrol in industry placement units in Year 4 of their degree as electives.

Course structure - Public Relations (8 Semester Concurrent Model)

Year 1, Semester 1

BSB122	Business Information Analysis and Communication
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
KCB336	New Media Technologies Creative Industries Elective Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1

BSB113	Economics
BSB115	Management, People and Organisations
KCB349	Media Audiences
KCB295	Virtual Cultures

Year 3, Semester 2

BSB110	Accounting
BSB114	Government, Business and Society
KCB335	Managing Communication Resources Creative Industries Elective Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB360	Corporate Communication Management
BSB111	Business Law and Ethics
KCB311	Political Communication Creative Industries Elective* Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

AMB361	Public Relations Campaigns
KCB204	Globalisation and New Media Creative Industries Elective Double Major / Extended Major / Specialisation Unit

* 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.

Course structure - Public Relations (9 Semester Concurrent Model)

Year 1, Semester 1

BSB122	Business Information Analysis and Communication
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
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AMB261	Media Relations and Publicity
KCB213	Strategic Speech Communication Creative Industries Core Unit - See List A

Year 2, Semester 2

AMB262	Public Relations Writing
KCB150	Media and Communications Industries Creative Industries Elective Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1

BSB113	Economics
KCB295	Virtual Cultures
KCB349	Media Audiences Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

BSB115	Management, People and Organisations
KCB335	Managing Communication Resources Creative Industries Elective Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB360	Corporate Communication Management
BSB110	Accounting
KCB311	Political Communication Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

AMB361	Public Relations Campaigns
KCB204	Globalisation and New Media Creative Industries Elective* Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

BSB111	Business Law and Ethics
BSB114	Government, Business and Society Creative Industries Elective* Double Major / Extended Major / Specialisation Unit

* 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

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

List of Languages

The same language must be studied for at least four levels and unit codes are sequential (eg. French HHB670, HHB671, HHB672, HHB673), except French 7 (HHB678) and French 8 (HHB677). With the permission of the Major Coordinator, and where available, languages must 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
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 French 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 French 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 French 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 French 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 French 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 French 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 Studies)/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: Ms Jillian Clare (Creative Industries); Director, Undergraduate Programs (Law)

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

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

■ Bachelor of Creative Industries (Visual Arts)/Bachelor of Education (Secondary) (IX08)

Award title: Bachelor of Creative Industries (Visual Arts)/Bachelor of Education

CRICOS code: 040316D

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: Assoc Prof David Hawke (Creative Industries); Dr Peter Bond (Education)

Discipline coordinator: Assoc Prof 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

with 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 Stages
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

with 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 Elective - List A
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
KVP507	Painting (semester two only)
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

■ Bachelor of Engineering (Electrical and Computer Engineering)/ Bachelor of Mathematics (IF21)

Award title: Bachelor of Engineering (Electrical and Computer Engineering)/ Bachelor of Applied Science (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); Assoc Prof Helen MacGillivray (Mathematics)

Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Electrical and Computer Engineering)/Bachelor of Mathematics 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 The Institution 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 Senior Mathematics B and Senior Mathematics C

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
MAB414	Applied Statistics 2
MAB422	Mathematical Modelling

Year 4, Semester 1

EEB511	Modern Control and Power Electronics
EEB584	Introduction to Design Computing elective

or
MAB380 Introduction to Supercomputing
Mathematics elective (Level 3)

Year 4, Semester 2

EEB684	Advanced Design Electrical Engineering elective Electrical Engineering elective Mathematics elective (Level 3)
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Year 5, Semester 1

EEB889	Project Electrical Engineering elective Electrical Engineering elective Mathematics elective (Level 3)
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Year 5, Semester 2

EEB889	Project Electrical Engineering elective Electrical Engineering elective Mathematics elective (Level 3)
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Course structure - For students with four semesters of Senior Mathematics B (or equivalent) only

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
 MAB414 Applied Statistics 2
 MAB420 Computational Mathematics 2

Year 4, Semester 1
 EEB511 Modern Control and Power Electronics
 EEB584 Introduction to Design
 Computing Elective
 Or

MAB380 Introduction to Supercomputing
 Mathematics elective (Level 3)

Year 4, Semester 2
 EEB684 Advanced Design
 Electrical Engineering elective
 Electrical Engineering elective
 Mathematics elective (Level 3)

Year 5, Semester 1
 EEB889 Project
 Electrical Engineering elective
 Electrical Engineering elective
 Mathematics elective (Level 3)

Year 5, Semester 2
 EEB889 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

Note: 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); Gayle Kerr (Advertising); Mr Scott McCarthy (Banking and Finance); Mr Eugene McCann (Economics); Ms Sherrena Buckby (Electronic Business); Amanda Gudmundsson (Human Resource Management); Mr Tom Cronk (International Business); Professor Robert Waldersee (Management); Ms Cathy Neal (Marketing); Ms Robina Xavier (Public Relations)

Professional Membership

This degree meets the requirements for membership of The Institution of Engineers, Australia and the Institution of Radio and Electronics Engineers Australia. Students completing the Bachelor of Business component may, subject to choice of major, extended major or specialisation, satisfy the academic requirements for membership of: CPA Australia, Institute of Chartered Accountants in Australia (ICAA), Chartered Secretaries Australia, Australasian Institute of Banking and Finance (AIBF), Economic Society of Australia (Queensland Division), Australian Institute of Export (Qld) Ltd, Advertising Institute of Australia, Society of Business Communicators, Public Relations Institute of Australia, Australian Human Resources Institute, Australian Institute of Management, Australian Institute of Training and Development, Australian Marketing Institute, Market Research Society of Australia or American Marketing Association.

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 structure - Accountancy

Year 1, Semester 1

EEB112 Electrical and Computer Engineering 1
 MAB180 Engineering Mathematics 1
 OR

MAB131 Engineering Mathematics 1A
 BSB110 Accounting
 BSB113 Economics

*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

EEB212 Electrical and Computer Engineering 2
 MAB132 Engineering Mathematics 1B
 AYB121 Financial Accounting
 BSB111 Business Law and Ethics

Year 2, Semester 1

EEB340 Introduction to Telecommunications
 MAB134 Electrical Engineering Mathematics 3
 PCB136 Engineering Physics 1C
 EFB101 Data Analysis for Business

Year 2, Semester 2

EEB440 Classical Signal Processing
 MAB135 Electrical Engineering Mathematics 4
 BSB115 Management, People and Organisations
 BSB119 International and Electronic Business

Year 3, Semester 1

EEB311 Electrical Measurement and Machines
 EEB312 Analog and Digital Electronics
 BSB126 Marketing
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

EEB411 Classical Control and Power Systems
 EEB412 Advanced Electronics and Embedded Systems
 AYB221 Computerised Accounting Systems
 BSB114 Government, Business and Society

Year 4, Semester 1

EEB584 Introduction to Design
 Electrical and Computer Engineering elective unit
 AYB220 Company Accounting
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

EEB684 Advanced Design
 Electrical and Computer Engineering elective unit
 AYB225 Management Accounting
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

EEB889/1 Project
 Electrical and Computer Engineering elective unit
 AYB301 Auditing
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2

EEB889/2 Project
 Electrical and Computer Engineering elective unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Course structure - 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

EEB311 Electrical Measurement and Machines
 EEB312 Analog and Digital Electronics
 BSB113 Economics
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

BSB114 Government, Business and Society
 EEB411 Classical Control and Power Systems
 EEB412 Advanced Electronics and Embedded Systems
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB320 Advertising Management
 EEB584 Introduction to Design
 Electrical and Computer Engineering elective unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

AMB321 Advertising Campaigns
 EEB684 Advanced Design

Electrical and Computer Engineering elective unit
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

BSB111 Business Law and Ethics
 EEB889/1 Project
 Electrical and Computer Engineering elective unit
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2

BSB110 Accounting
 EEB889/2 Project
 Electrical and Computer Engineering elective unit
 Double Major / Extended Major / Specialisation Unit

Course structure - Banking & Finance
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

BSB114 Government, Business and Society
 EEB212 Electrical and Computer Engineering 2
 EFB102 Economics 2
 MAB132 Engineering Mathematics 1B

Year 2, Semester 1

BSB122 Business Information Analysis and Communication
 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
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

EEB684 Advanced Design
 Electrical and Computer Engineering elective unit
 EFB312 International Finance and Economics
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

EEB889/1 Project
 Electrical and Computer Engineering elective unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2

EEB889/2 Project
 Electrical and Computer Engineering elective unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Course structure - Economics
Year 1, Semester 1

BSB113 Economics
 BSB115 Management, People and Organisations
 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

BSB122 Business Information Analysis and Communication
 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
 Electrical and Computer Engineering elective unit
 EEB584 Introduction to Design
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

EEB684 Advanced Design
 Electrical and Computer Engineering elective unit
 EFB323 Financial and Monetary Economics
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

EEB889/1 Project
 Electrical and Computer Engineering elective unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2

EEB889/2 Project
 Electrical and Computer Engineering elective unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Course structure - 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

Year 5, Semester 2

EEB889/2 Project
 Electrical and Computer Engineering elective 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
 ITB114 Networking Systems
 MGB216 Managing Technology, Innovation and Knowledge

Course structure - Human Resource Management
Year 1, Semester 1

BSB115 Management, People and Organisations
 BSB122 Business Information Analysis and Communication
 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
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

EEB684 Advanced Design
 Electrical and Computer Engineering elective unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

EEB889/1 Project
Electrical and Computer Engineering elective unit
MGB314 Organisational Consulting and Change
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2

EEB889/2 Project
Electrical and Computer Engineering elective unit
MGB309 Strategic Management
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.

Course structure - International Business - No Language
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 Business and the World Economy
IBB211 Globalisation and Business
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
EEB411 Classical Control and Power Systems
EEB412 Advanced Electronics and Embedded Systems
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

EEB584 Introduction to Design
Electrical and Computer Engineering elective unit
Area Study 1
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

EEB684 Advanced Design
Electrical and Computer Engineering elective unit
Area Study 2
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

EEB889/1 Project
Electrical and Computer Engineering elective unit
Double Major / Extended Major / Specialisation Unit
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2

EEB889/2 Project
IBB300 International Business Strategy
Electrical and Computer Engineering elective unit
Double Major / Extended Major / Specialisation Unit

Area Study Units:

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR

IBB208 European Business Development
IBB308 Contemporary Business in Europe

Course structure - International Business - with a Language Specialisation
International Business - No Language
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
EEB440 Classical Signal Processing
MAB135 Electrical Engineering Mathematics 4
Language 4

Year 3, Semester 1

BSB110 Accounting
EEB311 Electrical Measurement and Machines
EEB312 Analog and Digital Electronics
Language 5
OR

IBB205 Cross-Cultural Communication and Negotiation

Year 3, Semester 2

BSB113 Economics
EEB411 Classical Control and Power Systems
EEB412 Advanced Electronics and Embedded Systems
Language 6

OR

International Business Elective Unit (IBB2xx, IBB3xx)

Year 4, Semester 1

BSB114 Government, Business and Society
EEB584 Introduction to Design
Electrical and Computer Engineering elective unit
Area Study 1

Year 4, Semester 2

EEB684 Advanced Design
Electrical and Computer Engineering elective unit
IBB202 Business and the World Economy
Double Major / Extended Major / Specialisation Unit

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
IBB211 Globalisation and Business
IBB300 International Business Strategy

Area Study Units:

Students must complete one of the following pairs of area study units:

IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR

IBB208 European Business Development
IBB308 Contemporary Business in Europe

List Of Languages:

FRENCH
INDONESIAN
JAPANESE
GERMAN

Course structure - Management**Year 1, Semester 1**

EEB112 Electrical and Computer Engineering 1

MAB180 Engineering Mathematics 1
OR

MAB131 Engineering Mathematics 1A

BSB115 Management, People and Organisations

BSB122 Business Information Analysis and Communication

*MAB180 Engineering Mathematics 1 is to be taken by those students not obtaining a SA or better in Queensland Year 12 Mathematics C

Year 1, Semester 2

EEB212 Electrical and Computer Engineering 2

MAB132 Engineering Mathematics 1B

BSB126 Marketing

MGB220 Management Research Methods

Year 2, Semester 1

EEB340 Introduction to Telecommunications

MAB134 Electrical Engineering Mathematics 3

PCB136 Engineering Physics 1C

BSB110 Accounting

Year 2, Semester 2

EEB440 Classical Signal Processing

MAB135 Electrical Engineering Mathematics 4

MGB211 Organisational Behaviour

MGB222 Managing Organisations

Year 3, Semester 1

EEB311 Electrical Measurement and Machines

EEB312 Analog and Digital Electronics

BSB113 Economics

BSB114 Government, Business and Society

Year 3, Semester 2

EEB411 Classical Control and Power Systems

EEB412 Advanced Electronics and Embedded Systems

BSB111 Business Law and Ethics

Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

EEB584 Introduction to Design

Electrical and Computer Engineering elective unit

MGB210 Production and Service Management

Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

EEB684 Advanced Design

Electrical and Computer Engineering elective unit

MGB334 Managing in a Changing Environment

Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

EEB889/1 Project

Electrical and Computer Engineering elective unit

Double Major / Extended Major / Specialisation Unit

Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2

EEB889/2 Project

Electrical and Computer Engineering elective unit

MGB309 Strategic Management

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.

Course structure - Marketing**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

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

EEB311 Electrical Measurement and Machines

EEB312 Analog and Digital Electronics

BSB113 Economics

Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

EEB411 Classical Control and Power Systems

EEB412 Advanced Electronics and Embedded Systems

BSB114 Government, Business and Society

Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB340 Services Marketing

EEB584 Introduction to Design

Electrical and Computer Engineering elective unit

Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

AMB341 Strategic Marketing

EEB684 Advanced Design

Electrical and Computer Engineering elective unit

Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

BSB111 Business Law and Ethics

EEB889/1 Project

Electrical and Computer Engineering elective unit

Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2

BSB110 Accounting

EEB889/2 Project

Electrical and Computer Engineering elective unit

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.

Course structure - 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

EEB212 Electrical and Computer Engineering 2

MAB132 Engineering Mathematics 1B

AMB260 Public Relations Theory and Practice

BSB115 Management, People and Organisations

Year 2, Semester 1

EEB340 Introduction to Telecommunications

MAB134 Electrical Engineering Mathematics 3

PCB136 Engineering Physics 1C

AMB261 Media Relations and Publicity

Year 2, Semester 2

EEB440 Classical Signal Processing

MAB135 Electrical Engineering Mathematics 4

AMB262 Public Relations Writing

BSB113 Economics

Year 3, Semester 1

EEB311 Electrical Measurement and Machines

EEB312 Analog and Digital Electronics

AMB201 Marketing and Audience Research

Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

EEB411 Classical Control and Power Systems

EEB412 Advanced Electronics and Embedded Systems

BSB114 Government, Business and Society

Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

EEB584 Introduction to Design
Electrical and Computer Engineering elective unit
AMB360 Corporate Communication Management
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

EEB684 Advanced Design
Electrical and Computer Engineering elective unit
AMB361 Public Relations Campaigns
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

EEB889/1 Project
Electrical and Computer Engineering elective unit
BSB111 Business Law and Ethics
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 2

EEB889/2 Project
Electrical and Computer Engineering elective unit
BSB110 Accounting
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.

■ 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: Dr 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.

Professional Recognition

This degree meets the requirements for membership of The Institution 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.

Course structure**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
IT Elective Unit

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
ITB644 Windows Administration
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
Elective

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
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.

IT Elective units -please see IT electives list
Industrial Experience

Students must obtain at least 60 days industrial experience in an engineering environment approved by the Course Coordinator.

Notes

- 1) EEB781 Professional Studies 2 can be taken earlier if desired subject to completion of BNB007 Professional Studies 1.
- 2) The six electives can be taken in any ratio of EE to IT in order to emphasize either the EE or the IT component of the double degree provided at least one elective is chosen from each, with the approval of the Course Coordinator.
- 3) Core units at the third or fourth year of single Engineering degrees are acceptable as EE electives and a student may enrol in them provided prerequisites are satisfied.
- 4) Students must take one of the two units ITB643 Unix Systems Programming or ITB644 Window Administration

IT Elective Units

See Bachelor of Applied Science/Bachelor of Information Technology (IF29) for details.

■ Bachelor of Information Technology/Bachelor of Education (Secondary) (IX09)

Award title: Bachelor of Information Technology/Bachelor of Education

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 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

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

See Bachelor of Applied Science/Bachelor of Information Technology (IF29) for details.

■ 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: Dr Alan Tickle (Information Technology); Director, Undergraduate Programs (Law)

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

See Bachelor of Applied Science/Bachelor of Information Technology (IF29) for details.

■ Bachelor of Journalism/Bachelor of Business (Advertising, International Business, Public Relations) (IF05)

Award title: Bachelor of Journalism/Bachelor of Business

CRICOS code: 040312G

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: Dr Lee Duffield (Creative Industries); Mr Andrew Paltridge (Business)

Discipline coordinator: Prof Michael Bromley (Journalism); Ms Gayle Kerr (Advertising); Mr Thomas Cronk (International Business); Ms Robina Xavier (Public Relations)

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.

Professional Membership

Depending on the choice of major, extended major or specialisation, graduates may be eligible for membership of:

Advertising - Advertising Federation of Australia, Australian Association of National Advertisers, Australian Direct Marketing Association.

International Business - Economic Society of Australia, Australian Institute of Export (Qld) Ltd.

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 structure - Advertising (8 Semester concurrent model)

Year 1, Semester 1

BSB122 Business Information Analysis and Communication
 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

AMB222 Media Planning
 BSB119 International and Electronic Business
 KPB155 Media Production
 KJB239 Journalism Ethics and Issues

Year 2, Semester 2

AMB221 Advertising Copywriting
 KJB232 Radio and Television Journalism 1
 KJB224 Feature Writing
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1

BSB113 Economics
 BSB115 Management, People and Organisations
 KJB322 Desktop Publishing and Editing
 KJB338 Radio and Television Journalism 2
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

BSB110 Accounting
 BSB114 Government, Business and Society
 KJB303 News Production
 KJB337 Public Affairs Reporting
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB320 Advertising Management
 BSB111 Business Law and Ethics
 KWB250 Introduction To Creative Writing
 Creative Industries Faculty Core Unit - List A
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

AMB321 Advertising Campaigns
 Creative Industries Faculty Core Unit - List A
 Creative Industries Elective
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Course structure - Advertising (9 Semester concurrent model)

Year 1, Semester 1

BSB122 Business Information Analysis and Communication
 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

AMB222 Media Planning
 BSB119 International and Electronic Business
 KPB155 Media Production
 KJB239 Journalism Ethics and Issues

Year 2, Semester 2

AMB221 Advertising Copywriting
 KJB232 Radio and Television Journalism 1

KJB224 Feature Writing
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1

BSB115 Management, People and Organisations
 KJB322 Desktop Publishing and Editing
 KJB338 Radio and Television Journalism 2
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

BSB114 Government, Business and Society
 KJB303 News Production
 KJB337 Public Affairs Reporting
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB320 Advertising Management
 BSB111 Business Law and Ethics
 KWB250 Introduction To Creative Writing
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

AMB321 Advertising Campaigns
 Creative Industries Core Unit - List A
 Double Major / Extended Major / Specialisation Unit
 Creative Industries Elective

Year 5, Semester 1

BSB110 Accounting
 BSB113 Economics
 Creative Industries Core Unit - List A
 Double Major / Extended Major / Specialisation Unit

Course structure - 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 Business and the World Economy
 IBB211 Globalisation and Business
 KJB232 Radio and Television Journalism 1
 KJB224 Feature Writing

Year 3, Semester 1

IBB210 Export Management
 KJB322 Desktop Publishing and Editing
 KJB338 Radio and Television Journalism 2
 Area Study 1
 Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

BSB111 Business Law and Ethics
 KJB303 News Production
 KJB337 Public Affairs Reporting
 Area Study 2
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

BSB122 Business Information Analysis and Communication
 KWB250 Introduction To Creative Writing
 Creative Industries Core Unit - List A
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

IBB300 International Business Strategy
 Creative Industries Elective
 Creative Industries Core Unit - List A
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Area Study Options - Choose 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

Course structure - 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 Business and the World Economy
 IBB211 Globalisation and Business
 KJB232 Radio and Television Journalism 1
 KJB224 Feature Writing

Year 3, Semester 1

IBB210 Export Management
 KJB322 Desktop Publishing and Editing
 KJB338 Radio and Television Journalism 2
 Area Study 1

Year 3, Semester 2

BSB111 Business Law and Ethics
 KJB303 News Production
 KJB337 Public Affairs Reporting
 Area Study 2

Year 4, Semester 1

BSB122 Business Information Analysis and Communication
 KWB250 Introduction To Creative Writing
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

IBB300 International Business Strategy
 Creative Industries Core Unit - List A
 Creative Industries Elective
 Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

Creative Industries Core Unit - List A
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit
 Double Major / Extended Major / Specialisation Unit

Area Study Options - Students must complete one of the following pairs of units:

IBB208 European Business Development
 and
 IBB308 Contemporary Business in Europe
 OR
 IBB217 Asian Business Development
 and
 IBB317 Contemporary Business in Asia

Course structure - International Business (With Language - 8 Semester Concurrent Model)

Year 1, Semester 1

BSB119 International and Electronic Business
 KJB101 Journalism Information Systems
 KJB120 Newswriting
 Language 1

Year 1, Semester 2

BSB113 Economics
 KJB121 Journalistic Inquiry
 KCB213 Strategic Speech Communication
 Language 2

Year 2, Semester 1

BSB126 Marketing
 KPB155 Media Production
 KJB239 Journalism Ethics and Issues
 Language 3

Year 2, Semester 2

IBB202 Business and the World Economy

KJB232 Radio and Television Journalism 1
 KJB224 Feature Writing
 Language 4

Year 3, Semester 1

BSB114 Government, Business and Society
 BSB122 Business Information Analysis and Communication
 KJB322 Desktop Publishing and Editing
 KJB338 Radio and Television Journalism 2
 Language 5
 OR

IBB205 Cross-Cultural Communication and Negotiation

Year 3, Semester 2

BSB110 Accounting
 IBB211 Globalisation and Business
 KJB303 News Production
 KJB337 Public Affairs Reporting
 Language 6
 OR
 International Business Elective Unit (IBB2xx, IBB3xx)

Year 4, Semester 1

BSB115 Management, People and Organisations
 IBB210 Export Management
 KWB250 Introduction To Creative Writing
 Area Study 1
 Creative Industries Core Unit - List A

Year 4, Semester 2

BSB111 Business Law and Ethics
 IBB300 International Business Strategy
 Area Study 2
 Creative Industries Elective
 Creative Industries Core Unit - List A

Area Study Units

Students must complete one of the following pairs of study

units:

IBB200 Asian Business Development
 IBB317 Contemporary Business in Asia
 OR

IBB208 European Business Development
 IBB300 International Business Strategy

List Of Languages:

FRENCH
 INDONESIAN
 JAPANESE
 GERMAN

Course structure - International Business (With Language - 9 Semester Concurrent Model)

Year 1, Semester 1

BSB119 International and Electronic Business
 KJB101 Journalism Information Systems
 KJB120 Newswriting
 Language 1

Year 1, Semester 2

BSB113 Economics
 KJB121 Journalistic Inquiry
 KCB213 Strategic Speech Communication
 Language 2

Year 2, Semester 1

BSB126 Marketing
 KPB155 Media Production
 KJB239 Journalism Ethics and Issues
 Language 3

Year 2, Semester 2

IBB202 Business and the World Economy
 KJB232 Radio and Television Journalism 1
 KJB224 Feature Writing
 Language 4

Year 3, Semester 1

BSB122 Business Information Analysis and Communication
 KJB322 Desktop Publishing and Editing
 KJB338 Radio and Television Journalism 2
 Language 5
 OR

IBB205 Cross-Cultural Communication and Negotiation

Year 3, Semester 2

IBB211 Globalisation and Business
 KJB303 News Production
 KJB337 Public Affairs Reporting
 Language 6

OR
International Business Elective Unit (IBB2xx, IBB3xx)

Year 4, Semester 1

BSB115 Management, People and Organisations
IBB210 Export Management
KWB250 Introduction To Creative Writing
Area Study 1

Year 4, Semester 2

IBB300 International Business Strategy
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

Area Study Units

Students must complete one of the following pairs of study

units:

IBB217 Asian Business Development
IBB317 Contemporary Business in Asia
OR

IBB208 European Business Development
IBB300 International Business Strategy

List Of Languages:

FRENCH
INDONESIAN
JAPANESE
GERMAN

Course structure - Public Relations (8 Semester concurrent model)

Year 1, Semester 1

BSB122 Business Information Analysis and Communication
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
KJB224 Feature Writing
KJB232 Radio and Television Journalism 1
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1

BSB113 Economics
BSB115 Management, People and Organisations
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

BSB110 Accounting
BSB114 Government, Business and Society
KJB303 News Production
KJB337 Public Affairs Reporting
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB360 Corporate Communication Management
BSB111 Business Law and Ethics
KWB250 Introduction To Creative Writing
Double Major / Extended Major / Specialisation Unit
Creative Industries Faculty Core Unit - List A

Year 4, Semester 2

AMB361 Public Relations Campaigns
Creative Industries Elective
Creative Industries Core Unit - List A
Double Major / Extended Major / Specialisation Unit
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.

Course structure - Public Relations (9 Semester concurrent model)

Year 1, Semester 1

BSB122 Business Information Analysis and Communication
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
KJB224 Feature Writing
KJB232 Radio and Television Journalism 1
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 1

BSB115 Management, People and Organisations
KJB322 Desktop Publishing and Editing
KJB338 Radio and Television Journalism 2
Double Major / Extended Major / Specialisation Unit

Year 3, Semester 2

BSB113 Economics
KJB303 News Production
KJB337 Public Affairs Reporting
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 1

AMB360 Corporate Communication Management
BSB111 Business Law and Ethics
KWB250 Introduction To Creative Writing
Double Major / Extended Major / Specialisation Unit

Year 4, Semester 2

AMB361 Public Relations Campaigns
Creative Industries Faculty Core Unit - List A
Creative Industries Elective
Double Major / Extended Major / Specialisation Unit

Year 5, Semester 1

BSB110 Accounting
BSB114 Government, Business and Society
Creative Industries Faculty Core Unit - List A
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.

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

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

List of Languages

See Bachelor of Creative Industries (Media and Communication)/Bachelor of Business (IF09) for details.

■ 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: Prof Michael Bromley (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

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

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

■ 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 Terry Flew

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, the Society of Business Communicators and the Public Relations Institute of Australia.

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 Language
 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 KJB335 Professional Media Practice 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

KCB101 Communication in the New Economy
 KKB618 Writing For Creative Industries
 KJB101 Journalism Information Systems
 BSB126 Marketing

Year 1, Semester 2

KJB120 Newswriting
 KKB818 Introduction To Multimedia Technology
 AMB200 Consumer Behaviour
 AMB220 Advertising Theory and Practice

Year 2, Semester 1

KJB121 Journalistic Inquiry
 AMB201 Marketing and Audience Research
 AMB222 Media Planning
 AMB260 Public Relations Theory and Practice

Year 2, Semester 2

KCB213 Strategic Speech Communication
 KJB280 International Journalism
 AMB221 Advertising Copywriting
 Elective

Year 3, Semester 1

KJB224 Feature Writing
 AMB320 Advertising Management
 AMB330 Advertising Strategy and Planning
 Elective

Year 3, Semester 2

KJB337 Public Affairs Reporting
 AMB202 Integrated Marketing Communication
 OR
 AMB230 Internet Promotion
 Elective
 Elective

* Students may enrol in KJB335 Professional Media Practice instead of KJB337 subject to approval of the Journalism Major Coordinator

Course structure - Advertising / Media & Communication

Year 1, Semester 1

KCB101 Communication in the New Economy
 KKB618 Writing For Creative Industries
 KCB213 Strategic Speech Communication
 BSB126 Marketing

Year 1, Semester 2

KCB336 New Media Technologies
 AMB200 Consumer Behaviour
 AMB220 Advertising Theory and Practice
 AMB260 Public Relations Theory and Practice

Year 2, Semester 1

KKB818 Introduction To Multimedia Technology
 KCB349 Media Audiences
 AMB201 Marketing and Audience Research
 AMB222 Media Planning

Year 2, Semester 2

KCB150 Media and Communications Industries
 KWB314 Corporate Writing and Editing
 AMB221 Advertising Copywriting
 Elective

Year 3, Semester 1

KCB311 Political Communication
 AMB320 Advertising Management
 AMB330 Advertising Strategy and Planning
 Elective

Year 3, Semester 2

KCB335 Managing Communication Resources
 AMB202 Integrated Marketing Communication
 OR
 AMB230 Internet Promotion
 Elective
 Elective

* Students may enrol in KKB320 Workplace Learning instead of KCB311 Political Communication, subject to the approval of the Media & Communication Major Coordinator.

Course structure - Advertising / Television

Year 1, Semester 1

KCB213 Strategic Speech Communication
 KKB818 Introduction To Multimedia Technology
 KWB111 Media Writing
 BSB126 Marketing

Year 1, Semester 2

KCB101 Communication in the New Economy
 KPB141 Film and Television Language
 AMB200 Consumer Behaviour
 AMB220 Advertising Theory and Practice

Year 2, Semester 1

KPB209 Australian Television
 KPB370 Principles of Television
 AMB201 Marketing and Audience Research
 AMB222 Media Planning

Year 2, Semester 2

KPB155 Media Production
 AMB260 Public Relations Theory and Practice
 AMB320 Advertising Management
 Elective

Year 3, Semester 1

KPB260 Community and Educational Video
 AMB221 Advertising Copywriting
 AMB330 Advertising Strategy and Planning
 Elective

Year 3, Semester 2

KPB371 Advanced Principles of Television
 AMB202 Integrated Marketing Communication
 OR
 AMB230 Internet Promotion
 Elective
 Elective

Course structure - Advertising/Public Relations

Year 1, Semester 1

KCB101 Communication in the New Economy
 KCB213 Strategic Speech Communication
 KKB618 Writing For Creative Industries
 BSB126 Marketing

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

KKB818 Introduction To Multimedia Technology
 AMB222 Media Planning
 AMB230 Internet Promotion
 AMB261 Media Relations and Publicity

Year 2, Semester 2

AMB262 Public Relations Writing
 AMB221 Advertising Copywriting
 AMB231 Marketing Communications Regulations and Ethics
 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
 AMB381 Public Relations Campaigns
 Elective
 Elective

Course structure - Public Relations / International Journalism**Year 1, Semester 1**

KCB101 Communication in the New Economy
 KKB618 Writing For Creative Industries
 KJB101 Journalism Information Systems
 BSB126 Marketing

Year 1, Semester 2

KJB120 Newswriting
 KCB213 Strategic Speech Communication
 AMB220 Advertising Theory and Practice
 AMB260 Public Relations Theory and Practice

Year 2, Semester 1

KJB121 Journalistic Inquiry
 AMB201 Marketing and Audience Research
 AMB230 Internet Promotion
 AMB261 Media Relations and Publicity

Year 2, Semester 2

KKB818 Introduction To Multimedia Technology
 KJB280 International Journalism
 AMB262 Public Relations Writing
 Elective

Year 3, Semester 1

KJB224 Feature Writing
 AMB370 Public Relations Cases
 Elective
 Elective

Year 3, Semester 2

KJB337 Public Affairs Reporting
 AMB202 Integrated Marketing Communication
 OR
 AMB231 Marketing Communications Regulations and Ethics
 AMB361 Public Relations Campaigns
 Elective

* Students may enrol in KJB335 Professional Media Practice instead of KJB337 subject to approval of the Journalism Discipline Coordinator

Course structure - Public Relations / Media & Communication**Year 1, Semester 1**

KCB101 Communication in the New Economy
 KKB618 Writing For Creative Industries
 KCB213 Strategic Speech Communication
 BSB126 Marketing

Year 1, Semester 2

KCB336 New Media Technologies
 AMB201 Marketing and Audience Research
 AMB220 Advertising Theory and Practice
 AMB260 Public Relations Theory and Practice

Year 2, Semester 1

KCB150 Media and Communications Industries
 KKB818 Introduction To Multimedia Technology
 KCB349 Media Audiences

AMB261 Media Relations and Publicity

Year 2, Semester 2

KWB314 Corporate Writing and Editing
 AMB230 Internet Promotion
 AMB262 Public Relations Writing
 Elective

Year 3, Semester 1

KCB311 Political Communication
 AMB370 Public Relations Cases
 Elective
 Elective

Year 3, Semester 2

KCB335 Managing Communication Resources
 AMB202 Integrated Marketing Communication
 OR
 AMB231 Marketing Communications Regulations and Ethics
 AMB361 Public Relations Campaigns
 Elective

* Students may enrol in KKB320 Workplace Learning instead of KCB311 Political Communication, subject to the approval of the Media & Communication Major Coordinator.

Course structure - Public Relations / Television**Year 1, Semester 1**

KCB101 Communication in the New Economy
 KWB111 Media Writing
 KCB213 Strategic Speech Communication
 BSB126 Marketing

Year 1, Semester 2

KKB818 Introduction To Multimedia Technology
 AMB220 Advertising Theory and Practice
 AMB260 Public Relations Theory and Practice
 KPB141 Film and Television Language

Year 2, Semester 1

KPB209 Australian Television
 AMB201 Marketing and Audience Research
 AMB261 Media Relations and Publicity
 KPB370 Principles of Television

Year 2, Semester 2

KPB155 Media Production
 AMB230 Internet Promotion
 AMB262 Public Relations Writing
 Elective

Year 3, Semester 1

KPB260 Community and Educational Video
 AMB370 Public Relations Cases
 Elective
 Elective

Year 3, Semester 2

KPB371 Advanced Principles of Television
 AMB202 Integrated Marketing Communication
 OR
 AMB231 Marketing Communications Regulations and Ethics
 AMB361 Public Relations Campaigns
 Elective

Course structure - Media & Communication / Television**Year 1, Semester 1**

KCB101 Communication in the New Economy
 KCB213 Strategic Speech Communication
 KWB111 Media Writing
 BSB126 Marketing

Year 1, Semester 2

KPB141 Film and Television Language
 KCB150 Media and Communications Industries
 AMB201 Marketing and Audience Research
 AMB260 Public Relations Theory and Practice

Year 2, Semester 1

KPB370 Principles of Television
 KPB209 Australian Television
 AMB220 Advertising Theory and Practice
 KCB349 Media Audiences

Year 2, Semester 2

KCB335 Managing Communication Resources
 KPB155 Media Production
 KCB336 New Media Technologies
 Elective

Year 3, Semester 1

KCB311 Political Communication

KKB818 Introduction To Multimedia Technology
 KPB260 Community and Educational Video
 Elective

Year 3, Semester 2

KWB314 Corporate Writing and Editing
 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.

** Students commencing the Television major from 2004 will undertake this sequence of units.

Course structure - Media & Communication / International Journalism

Year 1, Semester 1

KCB101 Communication in the New Economy
 KKB618 Writing For Creative Industries
 KJB101 Journalism Information Systems
 BSB126 Marketing

Year 1, Semester 2

KJB120 Newswriting
 KCB336 New Media Technologies
 AMB201 Marketing and Audience Research
 AMB260 Public Relations Theory and Practice

Year 2, Semester 1

KJB121 Journalistic Inquiry
 KCB349 Media Audiences
 KCB213 Strategic Speech Communication
 KKB818 Introduction To Multimedia Technology

Year 2, Semester 2

KCB150 Media and Communications Industries
 KJB280 International Journalism
 KCB335 Managing Communication Resources
 AMB220 Advertising Theory and Practice

Year 3, Semester 1

KJB224 Feature Writing
 KCB311 Political Communication
 Elective
 Elective

Year 3, Semester 2

KJB337 Public Affairs Reporting
 KWB314 Corporate Writing and Editing
 Elective
 Elective

* Students may enrol in KKB320 Workplace Learning instead of KCB311 Political Communication, subject to the approval of the Media & Communication Major Coordinator.

** Students may enrol in KJB335 Professional Media Practice instead of KJB337 subject to approval of the Journalism Major Coordinator.

Course structure - Television/International Journalism

Year 1, Semester 1

KJB101 Journalism Information Systems
 KWB111 Media Writing
 KCB101 Communication in the New Economy
 BSB126 Marketing

Year 1, Semester 2

AMB220 Advertising Theory and Practice
 KPB141 Film and Television Language
 KCB213 Strategic Speech Communication
 KJB120 Newswriting

Year 2, Semester 1

KKB818 Introduction To Multimedia Technology
 KPB209 Australian Television
 KJB121 Journalistic Inquiry
 KPB370 Principles of Television

Year 2, Semester 2

KJB280 International Journalism
 KPB155 Media Production
 AMB201 Marketing and Audience Research
 AMB260 Public Relations Theory and Practice

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 KJB335 Professional Media Practice instead of KJB337 subject to approval of the Journalism Discipline Coordinator

** Students commencing the Television major from 2004 will undertake this sequence of units.

Creative Industries Open Electives

See Bachelor of Creative Industries (Creative Writing)/Bachelor of Laws (IF93) for details.

■ Bachelor of Mathematics/Bachelor of Business (Accountancy, Banking and Finance or Economics) (IF60)

Award title: Bachelor of Applied Science (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 Scott McCarthy (Banking and Finance); Mr Eugene McCann (Economics)

Course Design

The course offers the opportunity to combine Applied Science (Mathematics) with a business course majoring in Accountancy, Banking and Finance or Economics, which can be combined with an extended major in the same field, or with a double major from any of the Bachelor of Business majors, including Electronic Business.

Professional Recognition

Graduates will be eligible for membership of the Mathematical Society of Australia, the Statistical Society of Australia and, depending on unit selection, the Australian Society of Operations Research. Depending on the choice of major, extended major or specialisation graduates may be eligible for membership of the Economic Society of Australia (Queensland Division), 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 Combinations

Recommended combinations for the Business component are:

Accountancy: Extended major in Professional Accounting

Banking & Finance: Extended major in Banking, Financial Economics or Funds Management; or double major in Economics

Economics: Extended major in Financial Economics or double major in Banking & Finance.

Please note that EFB101 Data Analysis for Business which is normally undertaken in the majors of Accountancy, Banking and Finance & Economics, is not required as the content will be covered in the statistics units from the mathematics component of the program.

Students also note that enrolment in the unit EFB326 Applied Portfolio Management is restricted to students undertaking the Financial Economics specialisation (FES) and the following extended majors: Banking (BFX); Financial Economics (FEX); and Funds Management (FDX).

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 Business Information Analysis and Communication
 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
 or
 ITB111 Software Development 1
Year 3, Semester 1
 AYB225 Management Accounting
 BSB115 Management, People and Organisations
 Mathematics Elective (Level 2 or 3)
 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

Course structure - 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 Business Information Analysis and Communication
 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
 or
 ITB111 Software Development 1
Year 3, Semester 1
 AYB225 Management Accounting
 BSB115 Management, People and Organisations
 Mathematics Elective (Level 2 or 3)
 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.

Course structure - 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 Business Information Analysis and Communication
 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)
 or
 ITB111 Software Development 1
Year 3, Semester 1
 BSB115 Management, People and Organisations
 EFB201 Financial Markets
 Mathematics Elective (Level 2 or 3)
 Mathematics Elective (Level 2 or 3)
 Business Double Major/Extended Major/Specialisation
Year 3, Semester 2
 EFB312 International Finance and Economics
 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

Course structure - 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
 BSB119 International and Electronic Business
 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)

Or

ITB111 Software Development 1

Year 3, Semester 1

BSB115 Management, People and Organisations
 EFB201 Financial Markets
 Mathematics Elective (Level 2 or 3)
 Mathematics Elective (Level 2 or 3)
 Business Double Major/Extended Major/Specialisation

Year 3, Semester 2

EFB312 International Finance and Economics
 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

Course structure - 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 Business Information Analysis and Communication
 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)

or

ITB111 Software Development 1

Year 3, Semester 1

BSB115 Management, People and Organisations
 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 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

Course structure - 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

BSB119 International and Electronic Business
 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)

or

ITB111 Software Development 1

Year 3, Semester 1

BSB115 Management, People and Organisations
 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 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 unit from the Banking Extended Major Options listed below:

Banking Extended Major

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

Course structure - Mathematics Electives

Level 2 units

MAB312	Linear Algebra
MAB314	Statistical Modelling 2
MAB315	Operations Research 2
MAB413	Differential Equations
MAB414	Applied Statistics 2
MAB420	Computational Mathematics 2
MAB422	Mathematical Modelling

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
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

Note: For students commencing in 2004 onwards, the units MAB523 Introduction to Quality Management and MAB621 Discrete Mathematics cannot be included in the mandatory 48 credit points minimum from Level 3 Mathematics units.

■ Bachelor of Mathematics/Bachelor of Information Technology (IF58)

Award title: Bachelor of Applied Science (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: Assoc Prof 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.

Course structure - For students with four semesters of Senior Mathematics B and Senior Mathematics C

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
ITB114	Networking Systems
ITB118	ICT Systems Life Cycle
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 Level 2 or 3 Maths unit

Year 2, Semester 2

ITB627	Network Technologies Level 2 or 3 Maths unit
ITB629	Network Services Level 2 or 3 Maths unit

Year 3, Semester 1

ITB611	Object Technology IT Elective Unit Level 2 or 3 Maths unit Level 2 or 3 Maths unit
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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)
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Year 4, Semester 1

ITB613	Advanced Programming Laboratory IT Elective Unit
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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

Course structure - For students with four semesters of Senior Mathematics B (or equivalent) only

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

Level 2 or 3 Maths unit

Level 2 or 3 Maths unit

Year 2, Semester 2

ITB627 Network Technologies

ITB629 Network Services

MAB210 Statistical Modelling 1

MAB220 Computational Mathematics 1

Year 3, Semester 1

ITB611 Object Technology

IT Elective unit

Level 2 or 3 Maths unit

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

MAB380 Introduction to Supercomputing

MAB413 Differential Equations

MAB414 Applied Statistics 2

MAB420 Computational Mathematics 2

MAB422 Mathematical Modelling

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

Note: For students commencing in 2004 onwards, the units MAB523

Introduction to Quality Management and MAB621 Discrete Mathematics

cannot be included in the mandatory 48 credit points minimum from

Level 3 Mathematics units.

IT Elective Units

See Bachelor of Applied Science/Bachelor of Information Technology (IF29) for details.

■ Bachelor of Music/Bachelor of Education (Secondary) (IX07)

Award title: Bachelor of Music/Bachelor of Education

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: Assoc Prof Adrian Thomas (Creative Industries); Dr Peter Bond (Education)

Discipline coordinator: Prof Andy Arthurs (Creative Industries)

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.

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:

KMB640 Sex, Drugs, Rock N Roll

KMB631 World Music

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 Music 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:

KMN619 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:

KMB640 Sex, Drugs, Rock N Roll

KMB631 World Music

KMB616 Group Music

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 Group Music

Year 2, Semester 1

KMB630 Music Textures

KMB653 Music Performance 3

OR

KMB659 Music Production 3

KMB637 Jazz and Popular Music 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 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 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 Music 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:

KMB617 Arranging

KMB626 Music and Sound For Multimedia

KMB638 Sound and Image

KMB648 The Music Scene

KMB667 Music and Spirituality

KMB622 Multi-Instrumental Music A

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 Stages

Creative Industries Core Unit - List A

Year 2, Semester 1

KMB653 Music Performance 3

OR

KMB659 Music Production 3

KMB637 Jazz and Popular Music 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

Select one unit from:

KTB304 Forming Knowledge

KMB617 Arranging

KMB626 Music and Sound For Multimedia

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 Music 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:

KMB617 Arranging

KMB626 Music and Sound For Multimedia

KVB503 Clay Materials

KMB638 Sound and Image

KMB648 The Music Scene

KMB667 Music and Spirituality

Select two units from:

KVB447 Drawing

KVB457 Sculpture

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 Music 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:

KMB617 Arranging

KMB626 Music and Sound For Multimedia

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

Section Four

Unit Synopses

Unit Coding and Numbering..... 404
Unit Synopses 405

UNIT CODING AND NUMBERING

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.

UNIT SYNOPSES

► ADB001 ARCHITECTURAL DESIGN 1

Introduction to design theory. Develop exercises for enhancement of fundamental aesthetic perception, 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, development of 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 **Semester:** 1

► ADB002 ARCHITECTURAL DESIGN 2

Introduction to critical design theory. Developmental exercises in graphic/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 analysis of understanding of a particular place.

Courses: BN31, AR48 **Prerequisites:** ADB001

Contact hours: 8 per week **Credit points:** 12
Campus: GP **Semester:** 2

► ADB003 ARCHITECTURAL DESIGN 3

Design theory: physical context, landscape, social context, ethics and values. Integration of contextual studies, 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 **Semester:** 1

► ADB004 ARCHITECTURAL DESIGN 4

Design theory: physical context, landscape, social context, ethics and values. Integration of contextual studies and of technology, specifically building construction, design for climate. Projects are generally of domestic scale.

Courses: BN31, AR48 **Prerequisites:** ADB003

Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 2

► ADB005 ARCHITECTURAL DESIGN 5

Design theory, sustainability, sociological and contextual concerns related to particular design problems. The unit will often include 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 **Semester:** 1

► ADB006 ARCHITECTURAL DESIGN 6

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 **Semester:** 2

► 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 **Semester:** 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 **Semester:** 2

► ADB009 ARCHITECTURAL DESIGN 9

Design projects and associated lectures and presentations 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 will be integrated into the unit.

Courses: AR48 **Prerequisites:** ADB008

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 1

► ADB011 CONTEXTUAL STUDIES 1

The course will cover 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 will be 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 will be present.

Courses: BN31, AR48 **Prerequisites:** ADB931

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 will include 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 **Semester:** 2

► ADB013 CONTEXTUAL STUDIES 3

Unit covers 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 that of South Asia including India, Nepal and Sri Lanka. 2. Design and 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 **Semester:** 1

► 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 endeavour 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 **Semester:** 2

► ADB021 TECHNOLOGY AND SCIENCE 1

A study of the properties and behaviour of common building materials and the historical development of building technologies. Basic structural systems; behaviour of structures and members under load; application of knowledge in design exercises and models.

Courses: BN31, AR48 **Prerequisites:** ADB921

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► ADB022 TECHNOLOGY AND SCIENCE 2

Detailed consideration of domestic scale building; basic design for climate; 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 **Semester:** 1

► ADB023 TECHNOLOGY AND SCIENCE 3

Detailed consideration of domestic scale building; design for natural ventilation, lighting, acoustics and solar controls; implications of 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 **Semester:** 2

► ADB024 TECHNOLOGY AND SCIENCE 4

Building construction - an overview of construction systems used in low to medium rise industrial and commercial buildings. Structures - 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 **Semester:** 1

► ADB025 TECHNOLOGY AND SCIENCE 5

Building Construction - an overview of construction systems used in medium to high-rise commercial buildings, including analysis of principles, advantages, disadvantages and details of such systems. Services - 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 **Semester:** 1

► ADB026 TECHNOLOGY AND SCIENCE 6

Topics 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 **Semester:** 2

► ADB031 PROFESSIONAL STUDIES 1

Theory - analysis of various concepts of professionalism, characteristics of professions, discussion of various contemporary critiques of architectural practice. Estimating - choice of technique, accuracy, square and cube rates, cost control, feasibility, quantity surveying. Specification - role of specification.

Courses: AR48

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► ADB033 PROFESSIONAL STUDIES 3

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 will cover ethical, administrative and management issues in relation to architectural practice.

Courses: AR48 **Prerequisites:** ADB932

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► ADB051 ARCHITECTURAL RESEARCH 1

Unit will provide students with an overview of research methodology. Students will examine the differences between various research methods and product. A number of issues will be 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 literature review.

Courses: AR48

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 will 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 including critical analysis.

Courses: AR48 **Prerequisites:** ADB051

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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

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be completed to a highly developed and resolved standard.

Courses: AR48

Prerequisites: ADB009, ADB067

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 2

► ADB061 ARCHITECTURAL APPLICATIONS 1

The unit will be used to increase the students' experience in applying theory to architectural problems. Study of materials; anthropometrics and ergonomics, and architectural ideas through drawings and models.

Courses: BN31

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1

► ADB062 ARCHITECTURAL APPLICATIONS 2

The unit will be used to increase the student's experience in applying theory to architectural problems. 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 **Semester:** 2

► ADB063 ARCHITECTURAL APPLICATIONS 3

The unit will be used to increase the student's experience in applying theory to architectural problems, including 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 **Semester:** 1

► ADB064 ARCHITECTURAL APPLICATIONS 4

This unit will be used to increase the students experience in applying theory to architectural problems. A series of exercises in construction detailing and documentation.

Courses: BN31

Prerequisites: ADB063

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 2

► ADB065 ARCHITECTURAL APPLICATIONS 5

The unit will be used to increase the student's experience in applying theory to architectural problems. A series of exercises in construction detailing and documentation.

Courses: BN31

Prerequisites: ADB064

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1

► ADB066 ARCHITECTURAL APPLICATIONS 6

The unit will be used to increase the student's experience in applying theory to architectural problems. A series of exercises in construction detailing and documentation.

Courses: BN31

Prerequisites: ADB065

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 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: develop 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 **Semester:** 1

► ADB101 INTERIOR DESIGN 1

Through exercises involving physical, historical, social and cultural constraints; person-environment analysis; and personal reflection, there is the opportunity 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 **Semester:** 1

► ADB102 INTERIOR DESIGN 2

Content includes: 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; and aesthetics and its relevance to person-environment interaction.

Courses: BN31

Prerequisites: ADB101

Contact hours: 7 per week **Credit points:** 12

Campus: GP **Semester:** 2

► ADB103 INTERIOR DESIGN 3

The content covered in 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 will be introduced and explored including modernism, post-modernism, feminism and pluralism; 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 **Semester:** 1

► ADB104 INTERIOR DESIGN 4

The content covered in this unit includes: 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 **Semester:** 2

► ADB105 INTERIOR DESIGN 5

The content covered in this unit includes: 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; and futuristic material.

Courses: BN31

Prerequisites: ADB104 **Corequisites:** ADB125

Contact hours: 6 per week **Credit points:** 12

Campus: GP **Semester:** 1

► ADB106 INTERIOR DESIGN 6

The content covered in this unit includes: major aspects covered in the course to date; 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 **Semester:** 2

► ADB122 INTERIOR TECHNOLOGY 1

Content includes: domestic building construction processes and materials; manufacturing processes and performance; introductory technical drawing; measurement and recording of building environments; and 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 **Semester:** 2

► ADB123 INTERIOR TECHNOLOGY 2

The content covered in this unit includes: documentation; analysis and recording of small-scale commercial interiors; building regulations and their relationship to public responsibility; building materials; and sustainability.

Courses: BN31

Prerequisites: ADB122

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 1

► ADB124 INTERIOR TECHNOLOGY 3

The content covered in this unit includes: documentation techniques; sustainable design and construction; services; and consultants, codes and standards.

Courses: BN31

Prerequisites: ADB123

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 2

► ADB125 INTERIOR TECHNOLOGY 4

The content covered in this unit includes: 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 **Semester:** 1

► ADB126 INTERIOR TECHNOLOGY 5

The content covered in this unit includes: 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 **Semester:** 2

► ADB132 DESIGN IN SOCIETY 1

Issues of the international design community will be explored. The historical framework will be 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 will be critiqued in the light of its potential to influence the contemporary and future designer. Specific attention will be 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 **Semester:** 2

► ADB133 DESIGN IN SOCIETY 2

Issues to be covered include: 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 **Semester:** 1

► ADB151 DRAWING AS COMMUNICATION

Addresses the theoretical aspects of communication generally and in relation to drawing. It will focus on the relationship between drawing and the design processes of imagining, representing and testing and it will introduce students to various drawing techniques and media.

Courses: BN31

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 1

► ADB152 LIGHT AND COLOUR STUDIES

Content includes: 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 **Semester:** 1, 2

► ADB153 MATERIAL STUDIES

Content to be addressed includes: 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; and the role of contextual frameworks on designers' decisions in regard to materials.

Courses: BN31

Credit points: 3 per week

Campus: GP **Semester:** 2

► ADB154 FURNITURE STUDIES

Content to be addressed includes: 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; and furniture design and documentation approaches.

Courses: BN31

Contact hours: 3 per week **Credit points:** 12

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Campus: GP

Semester: 2

► **ADB201 INTRODUCTORY INDUSTRIAL DESIGN 1**

Major topics include 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; and engineering drawing basics.

Courses: BN31 **Prerequisites:** ADB241
Contact hours: 7 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **ADB202 INTRODUCTORY INDUSTRIAL DESIGN 2**

Introduction to basic industrial design elements and principles, three-dimensional visualisation and industrial design, concept development of simple products, product aesthetics, drawing as a design tool and communication tool, with an emphasis on perspective sketching techniques, engineering drawing basics.

Courses: BN31 **Prerequisites:** ADB201
Contact hours: 7 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **ADB203 INDUSTRIAL DESIGN 1**

The studio exercises to which most of the time is devoted 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 on 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 **Semester:** 1

► **ADB204 INDUSTRIAL DESIGN 2**

The studio exercises to which most of the time is devoted will 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, and designer's responsibilities toward the environment. The complexity and depth of the design project will increase systematically according to the semester level.

Courses: BN31 **Prerequisites:** ADB202
Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **ADB205 INDUSTRIAL DESIGN 3**

The studio exercises to which most of the time is devoted will 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, and the designer's responsibilities toward the environment.

Courses: BN31 **Prerequisites:** ADB204
Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 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, and designer's responsibilities toward the environment.

Courses: BN31 **Prerequisites:** ADB205
Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 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, designing for safety and product usability.

Courses: BN31 **Prerequisites:** ADB911
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **ADB224 INDUSTRIAL DESIGN HISTORY THEORY AND CRITICISM 1**

Pre-historical artefacts and their evolutions; innovations in Asia; arts and crafts movement; development of mass-production and its impact to the 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 **Semester:** 2

► **ADB226 INDUSTRIAL DESIGN HISTORY THEORY AND CRITICISM 2**

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 **Semester:** 2

► **ADB232 DESIGN TECHNOLOGY AND SOCIETY**

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; and the relationship between social and technological change and industrial design.

Courses: BN31 **Prerequisites:** ADB206
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **ADB233 MANUFACTURING TECHNOLOGY 1**

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 relations between the properties of material and the industrial processes available for their fabrication. Introduction to technical documentation and communication.

Courses: BN31 **Prerequisites:** ADB921
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **ADB234 MANUFACTURING TECHNOLOGY 2**

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 **Semester:** 2

► **ADB235 MANUFACTURING TECHNOLOGY 3**

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 **Semester:** 1

► **ADB236 MANUFACTURING TECHNOLOGY 4**

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 **Semester:** 2

► **ADB241 INDUSTRIAL DESIGN APPLICATIONS**

Introduction to 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 **Semester:** 1

► **ADB244 COMPUTER AIDED INDUSTRIAL DESIGN 1**

Overview of the development of the use of Computer Aided Industrial Design by industrial designers in the design process, 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 **Prerequisites:** ADB201
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **ADB245 COMPUTER AIDED INDUSTRIAL DESIGN 2**

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 **Semester:** 1

► **ADB795 PRACTICE EXPERIENCE A**

The 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 **Prerequisites:** ADB201
Credit points: 36 **Semester:** 1, 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 **Prerequisites:** ADB201
Credit points: 36 **Semester:** 1, 2

► **ADB911 HUMAN ENVIRONMENT 1**

Contemporary environmental issues: global warming, population explosion, pollution, energy conservation, sustainability; anthropometrics and statistics, basic ergonomic principles; and requirements of special needs groups.

Courses: BN31, AR48 **Prerequisites:** ADB101, ADB921
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 1

► **ADB913 HUMAN ENVIRONMENT 3**

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

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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 **Semester:** 1

► ADB921 TECHNOLOGY AND SCIENCE FOUNDATION

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 **Semester:** 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 **Semester:** 2

► ADB932 PROFESSIONAL STUDIES 2

Unit offers a self-paced national course (BPA 1) prepared by the RAIAs as a basis for the formal examination for registration as an Architect. 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 RAIAs certification.

Courses: AR48
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 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 **Semester:** 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 **Semester:** 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 **Semester:** 1, 2

► ADP107 INTERIOR DESIGN 7

This unit provides students with the opportunity to pursue a topic of personal and professional relevance in consultation with staff. 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 **Semester:** 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 **Semester:** 1, 2

► ADP114 PROFESSIONAL STUDIES 1

This unit addresses 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; and post-occupancy evaluation.

Courses: AR62
Prerequisites: ADB913, ADP106
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 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 **Semester:** 2

► ADP161 INTERIOR RESEARCH 1

This unit provides methodological support for the major project in ADP107. It covers 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 searching and review.

Courses: AR62
Prerequisites: ADB106 **Corequisites:** ADP107
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Corequisites:** ADP108
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► ADP207 INDUSTRIAL DESIGN 5

The studio exercises to which most of the time is devoted will 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: 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, and designer's responsibilities toward the environment.

Courses: AR61
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► ADP217 PROFESSIONAL PRACTICE AND MANAGEMENT

The role of professional practice management; management of design projects; type of contracts, design documentation; role of design administration; liability; design law; intellectual property; designer-client relationships.

Courses: AR61
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► ADP218 ADVANCED ERGONOMICS

Basics of cognitive ergonomics, product usability evaluation methods and their applications, case studies.

Courses: AR61
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► ADP247 ADVANCED COMPUTER AIDED INDUSTRIAL DESIGN

Introduction to parametric based modelling, introduction to hybrid based modelling, application of rapid prototyping and rapid tooling to the design process, application of concurrent engineering to the design process.

Courses: AR61
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► ADP267 INDUSTRIAL DESIGN RESEARCH 1

The unit consists of the applied research topic selected by a student approved and supervised by the industrial design staff. External specialists may be involved as requires.

Courses: AR61
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 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 **Semester:** 1, 2

► ADP932 PROFESSIONAL STUDIES 2

Unit offers a self-paced national course (BPA 1) prepared by the RAIAs as a basis for the formal examination for registration as an Architect. 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 RAIAs certification.

Courses: AR62 **Prerequisites:** ADP114
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► ADP943 ELECTIVE 3

The student will choose elective units to extend and expand an area of knowledge or experience to develop in depth a particular professional

UNIT SYNOPSES

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 **Semester:** 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: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: BSB126 or BSB116 or BSB117

Incompatible with: MIB204

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2, 3

► 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 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: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: BSB126 or BSB116 or BSB117

Incompatible with: MIB305, MGB220 or COB334

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2, 3

► 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: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: BSB126 or BSB116 or BSB117

Incompatible with: COB207, MIB309

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► AMB203 INDEPENDENT STUDY

An opportunity for advanced level undergraduate students to undertake individual research in an area which is complementary to their course work.

Courses: BS56

Prerequisites: Approval from Head of School
Incompatible with: COB206

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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, budgets, establishing target audiences, interpreting audience ratings and circulation figures, and 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: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF 61, IF62

Prerequisites: BSB126 or BSB116 or BSB117 or 48 credit points of approved prior study for non-Bachelor of Business students only

Incompatible with: COB308

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► AMB221 ADVERTISING COPYWRITING

This unit is an important base for further study in advertising. Students are introduced to the theory, research strategy and practice relating to the creation of advertisements. The unit begins with an understanding of the creative process and its role in developing creative strategy. The duties of the advertising copywriter are examined as is the relationship between advertising copy and art. Practical work involves creative thinking, writing of advertisements for all media and the development of campaigns.

Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB220

Incompatible with: COB304

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 will be emphasised.

Courses: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB220

Incompatible with: COB317

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► AMB230 INTERNET PROMOTION

This unit addresses an important new area of business activity and explores the way in which the Internet is changing marketing communication practice. It examines the nature, history and social implications of the Internet and mobile technology, including ethical and legal issues and security as they apply to business practices. The impact of the Internet on consumer behaviour and how this translates into the marketing mix and marketing communications is analysed. Learners will develop skills in strategic planning, creative strategy and design, media planning, research and campaign evaluation.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: BSB112, BSB117 or BSB126 or 48 credit points of approved prior study for non-Business students only

Incompatible with: COB218

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB202 or AMB220 or AMB240 or AMB260

Incompatible with: COB307

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: BSB126

Incompatible with: MIB217

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: BSB116 or BSB126, AMB240

Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIB224

Campus: GP **Semester:** 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: BS50, 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 **Semester:** 1

► AMB251 INNOVATION AND MARKET DEVELOPMENT

This unit covers the dynamics of product innovation and market development within the mix of core marketing activities in organisations operating in both national and international markets. Products are defined in the broadest sense to include both tangible and intangible and the various categories of consumer, industrial, services, events and so on. The course covers such areas as product market analysis, the product development process, design, innovation, research and testing, branding and packaging, and investment analysis. The learning methodology will be mostly experiential and may include some hands-on computer usage, visits to industry where relevant and specific practical exercises.

UNIT SYNOPSES

Courses: BS50, 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

Semester: 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: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: BSB126, 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: COB325

Campus: GP

Semester: 1, 2

► AMB261 MEDIA RELATIONS AND PUBLICITY

This unit will reflect the strong emphasis within public relations practice of media relations. It will introduce 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 will also provide 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 will also be addressed.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB260

Contact hours: 3 per week **Credit points:** 12

Incompatible with: COB329

Campus: GP

Semester: 1, 2

► AMB262 PUBLIC RELATIONS WRITING

This unit will introduce students to a range of public relations writing needs. With heavy practical emphasis, the students will create a substantial portfolio of writing across controlled and uncontrolled media. Writing for print and electronic forms will be covered as well as new/interactive media. The writing process will be examined from the perspective of audience needs and emphasis will be placed on the research components of writing exercise as well as the writing/rewriting cycle.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB260

Contact hours: 3 per week **Credit points:** 12

Incompatible with: COB326

Campus: GP

Semester: 1, 2

► AMB310 INTERNSHIP

Provides the student 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: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61

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

Semester: 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 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: BS50, BS56, IF05, IF09, IF27, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB221, AMB222

Contact hours: 3 per week **Credit points:** 12

Incompatible with: COB306

Campus: GP

Semester: 1, 2

► AMB321 ADVERTISING CAMPAIGNS

This co-capstone advertising unit draws from all the theoretical, analytical, and applied material developed throughout the advertising major, and applies it to a client brief. Students 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: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB221, AMB222

Corequisites: AMB320

Contact hours: 3 per week **Credit points:** 12

Incompatible with: COB303

Campus: GP

Semester: 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 important issues such as 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 and 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: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB221, AMB222

Contact hours: 3 per week **Credit points:** 12

Incompatible with: COB300

Campus: GP

Semester: 1

► AMB331 DIRECT MARKETING

Direct marketing is important because of its precise targeting, comparative ease of accountability, its foundation role in integrated marketing communication (IMC) and its increasing share of the marketing communication budget. This unit focuses on principles of direct marketing, the role of the database in locating prospects, understanding their needs, tracking customers and building stakeholder 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, as students analyse the strategy, creative, media and testing and evaluation of direct marketing campaigns.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB220 or AMB202 or COB308 or COB207

Contact hours: 3 per week **Credit points:** 12

Incompatible with: COB315

Campus: GP

Semester: 1

► AMB340 SERVICES MARKETING

This unit explores the special characteristics of services that distinguish the marketing of services from goods. Topics include the distinctive as-

pects 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 and distribution modes for services which reflect the significant impacts of new technologies on service delivery.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB240 or MIB217

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIB311

Campus: GP

Semester: 1, 2

► AMB341 STRATEGIC MARKETING

Strategic Marketing is the capstone marketing unit, emphasis 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. These include: developing and critiquing strategic marketing planning models; analysing internal and external environmental factors; determining what marketing strategy can realistically accomplish for a business; identifying underlying factors that must be considered in developing marketing strategy; discussing problems and their related solutions to achieve strategic marketing success; recognising the importance of a customer focus in developing marketing strategy; and, organising for successful strategy implementation.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF37, IF41, IF48, IF56, IF62, IF72

Prerequisites: AMB240 or MIB217

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIB315

Campus: GP

Semester: 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. The growth of customer relationship management including the transition of consumers along the transaction-relationship continuum and the development of accompanying marketing strategies is 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: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: AMB240 or AMB202 or MIB217 or COB207

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIB230

Campus: GP

Semester: 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; 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: BS50, 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

Semester: 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: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIB320
Campus: GP **Semester:** 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: BS50, 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
Campus: GP **Semester:** 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 typologies, roles and objectives of events and the profile and motives of event markets and stakeholders. Key topics include: 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 and imaging the event from an integrated marketing communication perspective. A range of local and international cases are used.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: AMB240 or AMB202
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIB319
Campus: GP **Semester:** 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 will be 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 will also draw 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, IF61, IF62
Prerequisites: AMB261, AMB262
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 will be 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, IF61, IF62
Prerequisites: AMB261, AMB262
Contact hours: 3 per week **Credit points:** 12
Incompatible with: COB323, AMB381
Campus: GP **Semester:** 1, 2

► **AMB370 PUBLIC RELATIONS CASES**

This unit will provide 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 will be used to explore different components of public relations practice.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF61, IF62
Prerequisites: (AMB261, AMB262), COB324 or AMB382
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 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 **Semester:** 2

► **AMD201 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 **Semester:** 1, 3

► **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 will be reviewed and the identification of some of the emerging trends in the area will be explored through several avenues of assessment. The unit provides the environment for students to conduct their own research in areas that are relevant, of interest to them and reflect the interdisciplinary nature of consumer behaviour.

Courses: BS39, BS63, BS92, BS93, GS40, GS41, GS85, GS86, IF94, IF95, IF96
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIN419
Campus: GP **Semester:** 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, to 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, BS72, BS93, GS40, GS41, GS85, GS86, IF94, IF95, IF96
Contact hours: 3 per week **Credit points:** 12
Incompatible with: COB421
Campus: GP **Semester:** 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 predicative 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, BS72, BS93, GS40, BS41, GS85, GS86, IF94, IF95, IF96
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIN413
Campus: GP **Semester:** 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, IF95, IF96
Contact hours: Supervision only
Credit points: 12
Incompatible with: CON416
Campus: GP **Semester:** 1, 2, 3

► **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 will 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, BS92, BS93
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **AMN406 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 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

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case study related to an organisation product or issue. Project supervision will be arranged by the Unit Coordinator through consultation with the student and available staff members.

Courses: BS72, BS93, IF96

Prerequisites: Postgraduate only (Grade of 3-low pass or higher required) with 96 credit points of approved prior studies

Contact hours: 2-6 per week **Credit points:** 24
Campus: GP **Semester:** 1, 2, 3

▶ AMN411 INDEPENDENT STUDY

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, BS72, BS93, IF95, IF96

Credit points: 12

Campus: GP **Semester:** 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, GS41, GS85, GS86, IF94, IF95, IF96

Contact hours: 3 per week **Credit points:** 12

Incompatible with: CON417

Campus: GP **Semester:** 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: BS39, BS93, GS40, GS41, GS85, GS86, IF94, IF95, IF96

Contact hours: 3 per week **Credit points:** 12

Incompatible with: CON412

Campus: GP **Semester:** 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, IF94, IF95, IF96

Contact hours: 3 per week **Credit points:** 12

Incompatible with: CON418

Campus: GP **Semester:** 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, the illumination of the big idea and its execution across the very diverse advertising media.

Courses: BS39, BS93, GS40, GS41, GS85, GS86, IF94, IF95, IF96

Contact hours: 3 per week **Credit points:** 12

Incompatible with: CON419

Campus: GP **Semester:** 2

▶ AMN442 MARKETING MANAGEMENT

The study of marketing, marketing systems and marketing management and marketing planning within contemporary structure of 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 decision planning, and implementation and control. Marketing management concepts are applied to virtual and physical markets and attention is given to the range of financial, human resources, informational and other skills needed by marketing managers in these markets.

Courses: BS39, BS63, BS92, BS93, IF94, IF95, IF96

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIN422

Campus: GP **Semester:** 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 establishing the integral role innovation plays in organisations, 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, BS92, BS93, GS40, GS41, GS48, GS85, GS86

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIN423

Campus: GP **Semester:** 1

▶ AMN444 SERVICES MARKETING

This unit introduces a framework for studying services and explores both strategic and operational issues including the design and delivery of services; the formulation of communication strategies; definition, measurement and implementation of customer focused marketing programs in service industries; and the establishment and maintenance of relationships with customers.

Courses: BS39, BS63, BS92, BS93, GS40, GS41, GS43, GS85, GS86, GS87

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIN424

Campus: GP **Semester:** 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, and 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 will be drawn, so that the student would be in a position to move into top management if the opportunity arose.

Courses: BS30, BS39, BS63, BS92, BS93

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIN425

Campus: GP **Semester:** 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, BS92, BS93

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIN407

Campus: GP **Semester:** 2

▶ AMN448 MARKETING FOR ONLINE SERVICES

Online technologies open up a new marketplace and communication medium involving ideas, information, entertainment and commerce. With a changing marketplace, organisation and the people they employ need to acquire the skills to develop and work with new types of interactive products and services. It requires the understanding of the opportunities to approach markets locally, regionally and globally and to develop

new markets previously unreachable. This 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, BS92, 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 will be examined for use in ongoing communication programs.

Courses: BS39, BS72, BS93,

Contact hours: 3 per week **Credit points:** 12

Incompatible with: CON409

Campus: GP **Semester:** 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 forms an important part of this unit. Students will develop strategic thinking through analysis of contemporary media case studies.

Courses: BS39, BS72, BS93, GS40, GS41, GS85, GS86

Contact hours: 3 per week **Credit points:** 12

Incompatible with: CON424

Campus: GP **Semester:** 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 predicative information needs of management related to public opinion. The unit treats the role of public relations in efforts to shape and manage public opinion.

Courses: BS39, BS72, BS93

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 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, BS72, BS93, GS40, GS41, GS85, GS86

Contact hours: 3 per week **Credit points:** 12

Incompatible with: CON415

Campus: GP **Semester:** 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, BS72, BS93

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Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

▶ AMN468 ISSUES AND CRISIS MANAGEMENT

This unit examines the strategic management of crisis communication including for organisations. A strategic planning approach will be covered including organisation analysis, issues identification, audience prioritisation, strategy formulation, tactical planning and implementation and evaluation. Pre-crisis issues in management will be addressed as well as proactive and defensive communication strategies during crisis. The unit will demonstrate the application of general communication tools to a specialised area.

Courses: BS39, BS72, BS93

Contact hours: 3 per week **Credit points:** 12

Incompatible with: CON408

Campus: GP **Semester:** 1

▶ AMN482 MARKETING FOR THE NONPROFIT SECTOR

The theory and application of strategic marketing in the public and nonprofit sector is studied in this unit. The unit reviews key topics such as: stakeholder analysis; marketing research; cause related imaging and competitive positioning; marketing mix formulation and campaign development. Issues and characteristics that differentiate nonprofit marketing, allegiances to multiple markets and an increasingly competitive fundraising environment are discussed. Within the not-for-profit marketing mix, topics examined by students encompass the social cause as service/product, contemporary fundraising strategies, service delivery options (offline and online) and integrated marketing communication including database marketing and relationship management.

Courses: BS39, BS93, BS94, BS95, GS40

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIN439

Campus: GP **Semester:** 2

▶ ARB081 HISTORY, THEORY AND CRITICISM OF URBAN DESIGN

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 **Semester:** 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 will typically involve 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 will be incorporated into this unit. The 24 credit points allows focus, depth and, where appropriate, joint/complementary project work with senior students in other Faculty courses. Field work will be incorporated.

Courses: BN73, DB73 **Credit points:** 24

Campus: GP **Semester:** 1

▶ ARB083 URBAN DESIGN MASTERS STUDIO

An advanced level urban design project, supported by seminars presented by staff, students and visiting lecturers and distinguished practitioners. This studio will focus on changes in the production and consumption of the city, including the effects of globalisation, space-time com-

pression, economic rationalism, and the privatisation of space, services and professional activities.

Courses: BN73, DB73 **Credit points:** 24

Campus: GP **Semester:** 3

▶ ARB801 FIRE TECHNOLOGY AND SCIENCE

Topics covered include chemistry and physics of fire; heat transfer mechanisms; combustion processes; fire behaviour of materials; fire initiation and development; fire growth and spread; flash-over; management of fire; theory of fire extinguishment; detection and extinguishment systems; fire brigade involvement.

Courses: AR65 **Credit points:** 12

Campus: GP **Semester:** 1

▶ ARB802 HUMAN BEHAVIOUR AND FIRE

Effects of fire on life and property and community costs; human studies and response models; hazardous fire environments; egress calculations and models; human behaviour: occupant characteristics, behaviour during emergencies, response times; risk management-Probabilistic fire models.

Courses: AR65 **Credit points:** 12

Campus: GP **Semester:** 1, 2

▶ ARB803 FIRE AND BUILDING LEGISLATION

Society's expectations for life safety and asset protection; 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 **Semester:** 1

▶ ARB804 FIRE SAFETY SYSTEM DESIGN

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 **Semester:** 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. Topics include: the formation, operation, financial reporting and disclosure for both Partnerships and Companies; accounting for leases; and the professional role of accountants. The emphasis is on the effect of the different forms of ownership on the financial statements.

Courses: BS50, BS56, ED50, IF37

Prerequisites: BSB110

Contact hours: 3 per week **Credit points:** 12

Incompatible with: AYB111, ACB115,

ACB210, AC3001, AC3014

Campus: GP **Semester:** 1, 2, 3

▶ AYB122 GOODS AND SERVICES TAX

This unit introduces students to goods and services tax (GST). In particular, the unit provides an examination of the rules governing an entity's GST liabilities and entitlements, the rules on how entities are to account for these liabilities and entitlements, special rules that relate to particular entities, the rules that apply to particular transactions, and the anti-avoidance provisions of the GST law.

Courses: BS56 **Credit points:** 12

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

▶ AYB220 COMPANY ACCOUNTING

This unit includes: the preparation of consolidated financial statements; an overview of the statutory requirements that dictate the format and content of published financial reports of compa-

nies; 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: BS50, BS56, ED50, IF37, IF72, IF48

Prerequisites: AYB121

Contact hours: 3.5 per week **Credit points:** 12

Incompatible with: AYB112, ACB212,

ACB412, AC3003, AC3016

Campus: GP **Semester:** 1, 2, 3

▶ AYB221 COMPUTERISED ACCOUNTING SYSTEMS

This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems including 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; and 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: BS50, BS56, ED50, IF37, IF72

Prerequisites: BSB110, BSB122

Contact hours: 3 per week **Credit points:** 12

Incompatible with: AYB222, AYB101, ISB492,

AC3010, AC3033

Campus: GP **Semester:** 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: BS50, BS56 **Prerequisites:** BSB111

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ALB122, ACB240,

LW3002, LW3014

Campus: GP **Semester:** 1, 2

▶ AYB225 MANAGEMENT ACCOUNTING

This unit introduces students to accounting systems and techniques which 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: BS50, BS56, ED50, IF28, IF30, IF37,

IF40, IF41, IF47, IF48, IF60, IF72, IT20

Prerequisites: BSB110

Contact hours: 3 per week **Credit points:** 12

Incompatible with: AYB224, FNB123,

ACB220, AC3004, AC3017

Campus: GP **Semester:** 1, 2

▶ AYB227 INTERNATIONAL ACCOUNTING

International Accounting provides students with the knowledge of international accounting crucial for achieving proper understanding of international business communications. 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. Issues examined include: 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,

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comparative international analysis of financial statements; and global accounting issues in the twenty-first century.

Courses: BS56 **Prerequisites:** BSB110
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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: BS50, BS56, ED50, IF28, IF30, IF37, IF47, IF62, IF72
Prerequisites: AYB220
Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYB210, ACB311, AC3005, AC3018
Campus: GP **Semester:** 1, 2, 3

► AYB305 COMPANY LAW AND PRACTICE

Advanced topics in company law including: protection of minority interests; prospectuses and fundraising; company charges; insider trading, takeovers and buy-backs, law relating to financially troubled companies.

Courses: BS50, BS56 **Prerequisites:** AYB223
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ALB120
Campus: GP **Semester:** 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. A focus on the audit of the SAP R/3 system will be provided.

Courses: BS50, BS56 **Prerequisites:** AYB301
Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYB212
Campus: GP **Semester:** 2

► AYB310 COMPUTERISED ACCOUNTING APPLICATIONS

Use of software to build various accounting applications and discusses issues related to the use of such applications. Database software will be used to build parts of an accounting information system (eg general ledger, accounts receivable ledger or accounts payable ledger). Macros will be utilised in spreadsheet software to build automated accounting-related models. Issues and recent developments in accounting information systems will also be examined.

Courses: BS50, BS56 **Prerequisites:** AYB221
Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYB218
Campus: GP

► 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 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: BS50, BS56, ED50, IF37
Prerequisites: AYB220
Contact hours: 3.5 per week **Credit points:** 12

Incompatible with: AYB113, ACB310, AC3007, AC3023

Campus: GP **Semester:** 1, 2

► AYB312 FINANCIAL INSTITUTIONS LAW

This unit deals with the regulation of banks and non-bank financial institutions, the financial institutions' scheme, banker-customer relationship, laws relating to cheques and other negotiable instruments, negligent advice by financial institutions and other possible grounds of liability in its dealings with customers.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF60, IF62
Prerequisites: BSB111
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ALB103
Campus: GP **Semester:** 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 to private sector practice. This unit will examine practical aspects of public sector accounting.

Courses: BS56
Prerequisites: BSB110
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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: 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: BS50, BS56, ED50, IF37, IF48
Prerequisites: AYB225
Contact hours: 3 per week **Credit points:** 12
Incompatible with: FNB124, ACB321, AC3009, AC3025
Campus: GP **Semester:** 1, 2

► AYB323 TAX PLANNING

The primary objective of the unit is to provide the students with the necessary skills and expertise to assess the taxation implications of operating within the various types of business entities and conducting the broad spectrum of business transactions. At the completion of the unit students should be able to identify problems and issues that arise in a range of commonly encountered situations, ascertain the relevant law and administrative practice, and apply that law and practice to the problem or issue at hand. Professional, ethical and legal responsibilities attaching to tax advisors are addressed.

Courses: BS50, BS56
Prerequisites: AYB328 **Corequisites:** AYB328
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ALB131
Campus: GP **Semester:** 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: BS50, BS56 **Prerequisites:** AYB223
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ALB132, ACB340, LW3004, LW3015
Campus: GP **Semester:** 1, 2

► AYB328 TAXATION LAW 2

The unit introduces the general taxation principles applicable to each form of business entities. It then makes a comparative analysis of the different tax effectiveness of each type of business entities. This is followed by consideration of some of the more simple aspects of international taxation between Australia and its major trading partners. It concludes with recent Tax Reforms applicable to business entities.

Courses: BS50, BS56 **Prerequisites:** AYB325
Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYB326, ALB133
Campus: GP **Semester:** 1, 2

► AYB331 AUDITING AND PROFESSIONAL PRACTICE

The audit approach; risk-based auditing; planning an audit; verification of statements of financial performance and position, trade debtors, inventory, non-current assets, cash, investments, taxation, capital and retained profits; audit sampling theory techniques and applications; CIS auditing; legal liability; ethics; other assurance services.

Courses: BS56 **Prerequisites:** AYB301
Credit points: 12
Campus: GP **Semester:** 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 objectives 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: BS70, BS94
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ALN101
Campus: GP **Semester:** 1

► AYN410 BUSINESS LAW AND ETHICS

Introduction to business law and to morality in the business context involving interpretation of statutes, law of torts, contract law, consumer protection 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: BS30, BS89
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ALN103
Campus: GP **Semester:** 1, 2

► AYN411 COMPANY AUDITING

The audit environment; legal liability of auditors; professional ethics; 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; and audit reporting.

Courses: BS89 **Prerequisites:** AYN417
Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYN120
Campus: GP **Semester:** 1, 2

► AYN412 COMPANY LAW

The law relating to the establishment, operation and dissolution of business associations, the forms of business associations; partnerships, trusts, companies and voluntary associations. A focus on companies: incorporation requirements, classification, corporate governance, share capital and management issues.

Courses: BS89 **Prerequisites:** AYN410

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Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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. A focus on the audit of the SAP R/3 system will be provided.

Courses: BS70, BS94

Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYN109
Campus: GP **Semester:** 2

► **AYN414 COST ACCOUNTING**

Introduction to management accounting; the role of the management accountant; cost concepts; job and process costing systems budgeting; direct and absorption costing; cost volume profit analysis.

Courses: BS89, GS40, GS41, GS48, GS85, GS86

Prerequisites: AYN416

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► **AYN416 FINANCIAL ACCOUNTING 1**

An introduction to accounting; recording business transactions; adjusting the accounts and preparing financial statements; completion of 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 topics include the application of the GST where applicable.

Courses: BS30, BS89, GS70, GS81

Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYN112
Campus: GP **Semester:** 1, 2

► **AYN417 FINANCIAL ACCOUNTING 2**

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: BS30, BS89, GS40, GS41, GS48, GS85, GS86

Prerequisites: AYN416

Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYN113
Campus: GP **Semester:** 1, 2, 3

► **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 super-annuation funds is also examined. Contracting theory is used throughout to help explain accounting policy choices.

Courses: BS30, BS89, GS40, GS41, GS48, GS85, GS86

Prerequisites: AYN417

Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYN114
Campus: GP **Semester:** 1, 2

► **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 as well as business strategies to deal with them. There is a focus on cash flows, expenditure planning, compensation planning, activity based costing, and performance measurement, including dashboards and sensitivity analyses. Students are also introduced to the field of business valuations.

Courses: BS70, BS94 **Credit points:** 12
Incompatible with: EFN410, FNN103
Campus: GP **Semester:** 2

► **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 issues including: 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: BS70, BS94 **Credit points:** 12
Incompatible with: AYN119
Campus: GP **Semester:** 2

► **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 will be used as a basis for discussion.

Courses: BS70, BS94 **Credit points:** 12
Contact hours: 3 per week
Incompatible with: FNN111
Campus: GP **Semester:** 1

► **AYN433 RESEARCH TOPICS IN ACCOUNTING**

In this unit, students research an accounting topic chosen by the student in consultation with the lecturer. Initially the student investigates an area of potential research in conjunction with the lecturer and gives a class presentation on an aspect of these. Subsequently, under the supervision of the lecturer, the student develops the topic into an essay of the approximate length of an academic article in a journal of accountancy. Essays of high distinction will be considered for inclusion in the School of Accountancy's Working Paper Series. Subjects may be chosen from a broad variety of topics.

Courses: BS70, BS94, BS92 **Credit points:** 12
Prerequisites: BSN507
Contact hours: 3 per week
Campus: GP **Semester:** 1, 2

► **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 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: BS30, BS89 **Prerequisites:** AYN412

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **AYN439 MANAGEMENT ACCOUNTING**

This unit covers planning and control; decision-making and relevant costs; responsibility accounting; cost allocation; pricing techniques; transfer pricing; performance evaluation; operations research techniques; and contemporary management accounting issues such as activity based costing, value-added management, just-in-time systems, total quality management and strategic management accounting.

Courses: BS89, GS40, GS41, GS48, GS85, GS86

Prerequisites: AYN414

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► **AYN443 ELECTRONIC COMMERCE CYCLES**

This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems including 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; and 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: BS89, GS40, GS41, GS48, GS85, GS86

Prerequisites: AYN416 or GSN404

Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYB221, AYN303, AYN402
Campus: GP **Semester:** 1, 2

► **AYN449 ENTERPRISE SYSTEMS**

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, customising the FI Module, integration with other modules.

Courses: BS70, BS94 **Credit points:** 12
Contact hours: 3 per week
Campus: GP **Semester:** 1

► **AYN453 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: BS70, BS94 **Credit points:** 12
Contact hours: 3 per week
Campus: GP **Semester:** 1

► **AYN454 FORENSIC ACCOUNTING, FRAUD AND LITIGATION**

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 which may follow.

Courses: BS70, BS94 **Credit points:** 12
Contact hours: 3 per week
Incompatible with: AYN441, AYN404, AYN426
Campus: GP **Semester:** 2

► **AYN455 ELECTRONIC BUSINESS FOUNDATIONS AND LAW**

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. This unit also outlines the main legal issues arising for professionals in e-business.

Courses: BS70, BS94

Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYN446, AYN447

Campus: GP

Semester: 1

► **AYN505 DISSECTING FINANCIAL STATEMENTS**

This unit is designed to provide students with an in-depth understanding of financial statement analysis. The unit addresses issues faced in an international business environment. Issues examined include: 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; and cases of Worldcom, Enron and HIH.

Courses: BS63, BS70, BS94

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **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 management of control systems, performance evaluation and compensation incentives; transfer pricing; and new management accounting practices, activity-based costing, the balanced scorecard, and economic value added, are evaluated, using the latest research.

Courses: BS63, BS70, BS92, BS94

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **AYN507 GOVERNANCE ISSUES IN ACCOUNTING**

This unit examines the law governing the operation of capital markets in Australia. In particular, it examines the theoretical and policy bases for Australian capital markets law and makes extensive use of law and economics literature. The extent to which efficiency, investor protection and public interest concepts are balanced in the law is also considered.

Courses: BS63, BS70, BS94

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **BNB007 PROFESSIONAL STUDIES 1**

The unit seeks to introduce students to the concept of professionalism and core components of professional practice; social responsibility, personal (interpersonal and cross cultural) responsibility; environmental; 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 **Semester:** 2

► **BNB011 FUNDAMENTALS OF SYNTHETIC ENVIRONMENTS**

This unit provides an overview of Synthetic Environments focusing on the 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 3D CAD is assumed.

Courses: BN31, PS73, PS74, PS78, PS79

Credit points: 12

Campus: GP

Semester: 1, 2

► **BSB110 ACCOUNTING**

Accounting data is the basis for decision making in any organisation. Accordingly, the aim of this unit is to provide you with some basic knowledge of modern financial and managerial accounting theory and practice so that you 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, ED23, ED50, IF26, IF37, IF41, IF52, IF54, IF56, IF60, IF72, IT20, PU40

Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYB100, AYB110,

AYB105, AC3013, ACB110, AC3000, ACB111, CTB110

Campus: GP, CA

Semester: 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 which 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, IF41, IF47, IF48, IF60, IF61, IF62, IF72

Contact hours: 3 per week **Credit points:** 12
Incompatible with: AYB120

Campus: GP, CA

Semester: 1, 2, 3

► **BSB113 ECONOMICS**

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, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72

Contact hours: 3 per week **Credit points:** 12
Incompatible with: EPB116 and EPB172,

EPB140 and EPB150

Campus: GP, CA

Semester: 1, 2, 3

► **BSB114 GOVERNMENT, BUSINESS AND SOCIETY**

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 also will develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This will include consideration of law-making and policy processes and the impact of the changing national and international environment.

Courses: BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF62, IF72

Contact hours: 3 per week **Credit points:** 12
Incompatible with: BSD114, EPB124,

MNB181, AD3049

Campus: GP, CA

Semester: 1, 2, 3

► **BSB115 MANAGEMENT, PEOPLE AND ORGANISATIONS**

The unit provides an introduction 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: BS56, ED50, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72, IT20, LS50, ME36, PU40

Contact hours: 3 per week **Credit points:** 12
Incompatible with: BSB102, BSD115,

MNB351, MNB412, AD3048, CTB115

Campus: GP, CA

Semester: 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, 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: BS56, IF05, IF09, IF27, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IF72

Contact hours: 3 per week **Credit points:** 12
Incompatible with: BSB116, BSB112

Campus: GP, CA

Semester: 1, 2, 3

► **BSB122 BUSINESS INFORMATION ANALYSIS AND COMMUNICATION**

This unit is designed to introduce students to the need for gathering business information and the techniques involved in analysing and presenting that information to a relevant audience. Topics covered include business problem identification, research design, data collection, data analysis, and communication skills. In the context of business computing environments, students will also have hands-on experience using computer software for data analysis.

Courses: BS56, IF05, IF09, IF28, IF30, IF37, IF41, IF47, IF48, IF60, IF72

Contact hours: 3 per week **Credit points:** 12
Incompatible with: BSB117

Campus: GP, CA

Semester: 1, 2, 3

► **BSB126 MARKETING**

This introductory subject examines the role and importance of marketing to the contemporary organisation. Emphasis will be 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 will explore 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 will also be canvassed.

Courses: BS56, IF05, IF09, IF27, IF30, IF37, IF41, IF47, IF48, IF60, IF61, IF62, IF72

Contact hours: 3 per week **Credit points:** 12
Incompatible with: BSB116, CTB126

Campus: GP, CA

Semester: 1, 2, 3

► **BSB212 ELECTRONIC BUSINESS APPLICATIONS**

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 will be considered.

UNIT SYNOPSES

Courses: BS56, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF56, IF60, IF62, IF72

Prerequisites: BSB112 or BSB119 or equivalent

Contact hours: 3 per week **Credit points:** 12

Incompatible with: AYB333

Campus: GP

Semester: 1

► BSB213 LEGAL ISSUES IN ELECTRONIC BUSINESS

This unit introduces students with no formal studies in law to legal issues associated with electronic 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, IF26, IF28, IF30, IF37, IF41, IF47, IF48, IF57, IF60, IF62, IF72

Prerequisites: BSB111, BSB119 or 96 credit points of approved study

Contact hours: 3 per week **Credit points:** 12

Incompatible with: AYB120, AYB332

Campus: GP

Semester: 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

Semester: 1

► BSB311 RESEARCH, DEVELOPMENT AND COMMERCIALISATION STRATEGIES

Students will 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 and 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

Semester: 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, IF26, IF28, IF30, IF37, IF41, IF47, IF57, IF48, IF60, IF6, IT21

Prerequisites: BSB212

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 2

► BSD110 ACCOUNTING

Provides a study of the basic accounting process - both financial and managerial; and an introduction to the interpretation of accounting information. This unit covers financial procedures and reporting for sole traders, partnerships and companies; analysis and interpretation of financial statements; planning, control and business decision-making.

Courses: BS40, IF06

Contact hours: 4 per week **Credit points:** 12

Incompatible with: BSB110

Campus: KG

Semester: 1, 2, 3

► BSD113 ECONOMICS

Introduces students to the key economic concepts in an intuitive and applied fashion. It comprises

12 modules each focusing on a current economic issue. These issues relate to the economics of the environment, the standard of living, inflation and unemployment, money and banking, saving and investment, international trade, the business cycle and stabilisation policy.

Courses: BS40, IF06

Contact hours: 4 per week **Credit points:** 12

Incompatible with: BSB113

Campus: KG

Semester: 1, 2, 3

► BSD114 GOVERNMENT, BUSINESS AND SOCIETY

Provides a basic grounding in the principles, institutions and functions of government, and how they interact 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 will also develop a comparative appreciation of the principles, institutional arrangements and practices of contemporary government in a global context. This unit includes law-making, policy processes, the impact of a changing national and international environment, and relationships between government, business and society.

Courses: BS40, IF06

Contact hours: 4 per week **Credit points:** 12

Incompatible with: BSB114

Campus: KG

Semester: 1, 2, 3

► BSD115 MANAGEMENT, PEOPLE AND ORGANISATIONS

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 levels 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 information, 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

Semester: 1, 2, 3

► BSD119 INTERNATIONAL AND ELECTRONIC BUSINESS

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, 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

Semester: 1, 2, 3

► BSD126 MARKETING

Introductory unit which examines the role and importance of marketing to the contemporary organisation. Emphasis will be 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 will explore 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 will also be canvassed.

Courses: BS40, IF06

Contact hours: 4 per week **Credit points:** 12

Incompatible with: BSB126

Campus: KG

Semester: 1, 2, 3

► BSN404 PROJECT 1

Designed to permit the student to undertake a research project, subject to the approval of the Course Coordinator.

Courses: BS30, BS91, BS93, BS94, BS98

Credit points: 12

Incompatible with: MKN101, MKN102, MKN103

Campus: GP

Semester: 1, 2, 3

► BSN405 PROJECT 2

Designed to permit the student to undertake a research project, subject to the approval of the Course Coordinator.

Courses: BS93, BS94

Credit points: 12

Incompatible with: MKN101, MKN102, MKN104

Campus: GP

Semester: 1, 2, 3

► BSN406 PROJECT 3

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 can 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 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 study

Credit points: 24

Incompatible with: CON405, AMN411

Campus: GP

Semester: 1, 2, 3

► BSN409 RESEARCH PROJECT

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: BS94

Prerequisites: BSN506 or BSN507

Credit points: 24

Campus: GP

► BSN411 PROJECT

Students undertake an in-depth independent investigation of the efficacy of deployment practices in an organisation or across organisations. The aim of the unit is for students to integrate course work via an analysis of the practical application of quality in a real world situation. Project reports will be data based and soundly based on relevant literature.

Courses: BS93

Credit points: 24

Incompatible with: BSN150, BSN149, BSN410

Campus: GP

► 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 will 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, BS95, IF94, IF95, IF96

Contact hours: 3 per week **Credit points:** 12

Incompatible with: CON500

Campus: GP

Semester: 2

► 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.

UNIT SYNOPSES

Courses: BS63

Campus: GP

Credit points: 48

Semester: 1, 2

► **BSN502 RESEARCH METHODOLOGY**

The purpose of this study is to provide students with a range of ideas and methods that will enable 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; data manipulation and interpretation and presentation.

Courses: BS63, BS92

Contact hours: Flexible Mode

Incompatible with: BSB400

Campus: GP

Semester: 1

► **BSN503 RESEARCH SEMINAR**

The aim of this unit is for the student to prepare a detailed review of the literature relevant to the thesis or dissertation proposal. Students will be 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 structured into 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

Incompatible with: BSN500

Campus: GP

Semester: 1

► **BSN506 ECONOMETRIC METHODS**

This unit provides a comprehensive grounding in the econometric methods necessary for conducting research using such methods and for understanding recent contributions to the econometric literature

Courses: GS40, GS41, GS48, GS85, GS86

Contact hours: 3 per week

Incompatible with: BSN500

Campus: GP

Semester: 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 research issues are considered next, focusing on their counterparts in quantitative research, ie design, technique and analysis. Finally the unit closes with coverage of some ethical and political issues in social research.

Courses: BS63, BS70, BS92, BS93, BS94, BS95, IF49

Contact hours: 3 per week

Incompatible with: AYN102, BSN500

Campus: GP

Semester: 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

Campus: GP

Credit points: 96

Semester: 1, 2

► **CEB109 ENGINEERING MECHANICS 1**

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 (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

Campus: GP

Credit points: 12

Semester: 1, 2

► **CEB110 ENGINEERING MECHANICS 2**

Principles of structural mechanics, stress, strain and elasticity; second moment 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

Campus: GP

Credit points: 12

Semester: 2, 3

► **CEB207 PROFESSIONAL STUDIES 2 (TIMBER STRUCTURES & EARTHWORKS)**

Students will develop and define a problem statement and be encouraged to develop their own creative solutions through the semester, introducing students to aspects of project work and preparing them for their professional lives. Architectural and project issues: aesthetics, fitness for purpose, constructability. Geotechnical: site investigation, earthworks and compaction, and site investigation. Structural: design, loads, load paths, load factors, strength factors, time dependent loads, structural capacity and stability, rules of thumbs, structural timber, material selection, and basic surveying principles.

Courses: CE44, CE45, CE46

Prerequisites: CEB110, BNB007

Contact hours: 5 per week

Campus: GP

Credit points: 12

Semester: 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 will understand where the engineer fits in a quality assurance program and be aware of the numerous components of quality assurance and the costs generated by quality control and assurance. They will obtain an awareness of the effect of the working environment on different engineering materials. Among other things they will study the behaviour of concrete from the time it is manufactured to the end of its life, develop knowledge of the parameters involved in manufacturing good, and the consequences of delivering poor concrete.

Courses: CE44, CE45, CE35

Prerequisites: MMB131

Contact hours: 4 per week

Campus: GP

Credit points: 12

Semester: 1

► **CEB209 GEOTECHNICAL ENGINEERING 1**

Soil mechanics is a part of geotechnical engineering, 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 used where appropriate.

Courses: CE44, CE45, CE35

Prerequisites: CEB110

Contact hours: 4 per week

Campus: GP

Credit points: 12

Semester: 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

Campus: GP

Credit points: 12

Semester: 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' capabilities to practice in a civil engineering project environment.

Courses: CE44, CE45, CE35

Prerequisites: CEB207, CEB213

Contact hours: 4 per week

Campus: GP

Credit points: 12

Semester: 2

► **CEB215 STRUCTURAL ENGINEERING 1**

This unit includes: 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, and behaviour of reinforced concrete members and applications in the design of beams and columns.

Courses: CE44, CE45, CE46, CE35

Prerequisites: CEB207, CEB208, CEB110

Contact hours: 4 per week

Campus: GP

Credit points: 12

Semester: 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 legal implications of operating in a commercial environment. The unit concludes with the issues surrounding the uncertainty of weather and of operating in remote environs.

Courses: CE44, CE45

Prerequisites: CEB208, CEB207

Contact hours: 4 per week

Campus: GP

Credit points: 12

Semester: 2

► **CEB217 HYDRAULIC ENGINEERING 1**

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

Campus: GP

Credit points: 12

Semester: 2

► **CEB218 GEOTECHNICAL ENGINEERING 1A**

Soil mechanics is a part of geotechnical engineering, 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 used where appropriate.

Courses: CE35

UNIT SYNOPSES

Prerequisites: CEB110 **Corequisites:** CEB207
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CEB219 STRUCTURAL ENGINEERING 1A

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 **Semester:** 2

► CEB222 HYDRAULIC ENGINEERING 1A

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 **Semester:** 2

► CEB230 ENGINEERING MATERIALS AND THE ENVIRONMENT

This unit will provide the 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 will be discussed as part of the requirements.

Courses: CE46

Prerequisites: MMB131

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CEB232 GEOTECHNICAL ENGINEERING 1 AND THE ENVIRONMENT

Geomechanics (soil mechanics and rock mechanics) and their 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 such as: 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 will emphasise 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 **Semester:** 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.

Courses: CE46

Prerequisites: CEB213

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► 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: (1) Sub-divisional road design types, hierarchy, longitudinal and cross sections, earthworks; (2) Storm-water design, basic urban hydrology, catchment properties, Rational Formula, pipe/gully parameters, pipe and open channel flows; (3) Water reticulation system features; (4) 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 will be introduced.

Courses: PS47, PS48

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 it is imperative that 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 **Semester:** 1

► CEB318 STRUCTURAL ENGINEERING 2

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 **Semester:** 1

► CEB319 WATER ENGINEERING

The main topics to be covered in this unit are: 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, and the operation of urban drainage systems.

Courses: CE44, CE45, CE46

Prerequisites: CEB217

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CEB321 WATER AND WASTEWATER TREATMENT

The provision of 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 **Semester:** 2

► CEB322 GEOTECHNICAL ENGINEERING 2

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 **Semester:** 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, analysis and designs. This requires an understanding of the intent of individual road system elements, how they operate, and how they are delivered and managed, which will be 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 **Semester:** 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 **Semester:** 1, 2

► CEB329 PROFESSIONAL STUDIES 5 (STEEL DESIGN & CONSTRUCTION)

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 Gass, 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 **Semester:** 2

► CEB330 ENVIRONMENTAL MANAGEMENT FOR ENGINEERS

This unit provides the foundation for this learning. It is designed to help students identify and develop these skills. It focuses on the roles and responsibilities of the engineer and specifically, the engineer as a project manager. This may involve decision making to direct and manage environmental management aspects of a major project. This unit aims to help develop and en-

UNIT SYNOPSES

courage life long learning processes throughout their career as environmental engineers.

Courses: CE46 **Prerequisites:** CEB233
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CEB411 THESIS PROJECT A

Thesis A is a written review report of the literature on an area of civil engineering practice where research and development has been undertaken and reported in the literature. Students will 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 will be given on information retrieval and bibliographic listing and citation.

Courses: CE44, CE45 **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 1

► CEB413 STRUCTURAL ENGINEERING 3

Advanced structural engineering topics. Space Gass, Microstan, the stiffness method. This method will be developed and illustrated by application to some structures. Plastic analysis and the concept of plastic hinge will be introduced and applied. Basic structural dynamics will be introduced and some simple illustrative examples will be provided. Principles of earthquake engineering, aesthetics in bridge design, load paths in structures and approximate methods in the analysis of complex structures will be treated.

Courses: CE44, CE45
Prerequisites: CEB215, CEB318
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 will undertake a program of investigation which could 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
Campus: GP **Semester:** 1, 2

► CEB416 ENVIRONMENTAL LAW AND ASSESSMENT

The adverse consequences of human activity has 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, 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 government power to regulate development, the legal and planning requirements and assessment procedures are essential for professional engineering practice.

Courses: CE44, CE43, IF50 **Credit points:** 12
Campus: GP **Semester:** 1

► CEB418 WASTE RESOURCE MANAGEMENT

Management of solids and hazardous wastes generated from domestic, commercial, and industrial sources. 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
Campus: GP **Semester:** 2

► 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 such an understanding in the above mentioned disciplines. The unit will also include 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 **Semester:** 2

► CEB420 ENVIRONMENTAL THESIS 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 will be required to critically assess 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 **Semester:** 1

► CEB424 PROFESSIONAL STUDIES 6 (CONCRETE STRUCTURES & GEOTECHNICAL ENGINEERING)

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, columns, architectural changes, connections and detailing, footings and foundations, bar scheduling.

Courses: CE44 **Credit points:** 12
Campus: GP **Semester:** 1

► CEB425 PROFESSIONAL STUDIES 7 (CIVIL DESIGN PROJECT)

Selection from: 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
Campus: GP **Semester:** 2

► CEB426 ENVIRONMENTAL PROFESSIONAL STUDIES (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
Campus: GP **Semester:** 2

► CEB507 FINITE ELEMENT METHODS

The Finite Element Method is easily the 20th century's answer 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 only be obtained 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.

Courses: CE44, CE45
Prerequisites: CEB413 **Credit points:** 12
Campus: GP **Semester:** 1

► CEB508 TRANSPORT ENGINEERING 1

This is a final year elective unit to prepare students for a career in transportation engineering, as well as 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
Campus: GP **Semester:** 1

► CEB509 PROJECT MANAGEMENT AND ADMINISTRATION

This unit provides a foundation of some of the issues relating to the management of construction projects from both practical and theoretical points of view. Topics covered include Leadership and management of organisations and people; Planning of a project; Engaging of consultants, sub-contractors and suppliers; Co-ordination of project activities; Cost control and claims; Legal and insurance issues; Information Technology issues; Written and verbal communication skills; Problem solving, and Managing and preventing disputes. Assessment will be practical and progressive during the semester, with a final examination.

Courses: CE44, CE43
Prerequisites: CEB216, CEB412
Credit points: 12
Campus: GP **Semester:** 1

► 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 **Semester:** 2

► CEB514 PROJECT CONTROL

Contemporary engineering demands that the practising engineer needs to master not only basic design and construction concepts but also a strong background in 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 and to realise that everyone has a different leadership style that must be fitted into the organisations 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

UNIT SYNOPSES

Campus: GP

Semester: 2

► **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. This unit will provide 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 will 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

Campus: GP **Semester:** 2

► **CEB517 ADVANCED ENGINEERING STUDIES**

This unit will provide an opportunity to learn how practicing engineers design cold-formed steel and composite structures, 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 and to work as part of a design team 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

Semester: 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 also a fundamental requirement if engineers are to take an active role in the management of this dynamic environment. This unit will build on the fundamental principles of fluid behaviour covered in Hydraulic Engineering CEB217 and Water Engineering CEB319 and extend 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 **Semester:** 2

► **CEB522 GEOTECHNICAL ENGINEERING PRACTICE**

Use of soil and/or rock as an engineering material. Unit includes a wide range of activities such as: 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 will be undertaken, selected from soil reinforcements, lateral loading on piles, embankments on soft soil rock-slope stabilisation, or house foundations on expansive soils.

Courses: CE44, CE45 **Prerequisites:** CEB322

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 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 them for further post-graduate study in these specialist areas.

Courses: CE44, CE43, IF42

Prerequisites: CEB209, CEB213

Credit points: 12

Campus: GP

Semester: 1

► **CEP011 RAILWAY BUSINESS AND ENGINEERING**

The unit is offered entirely in distance education mode via the continuing professional development unit NRE001. 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, etc).

Courses: CE62

Credit points: 12

Semester: 2

► **CEP012 RAILWAY MANAGEMENT OPERATION AND SAFETY**

The unit is offered entirely in distance education mode via the continuing professional development unit NRE002. The four modules cover: 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

Semester: 1, 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, analysis of urban networks, and freeways.

Courses: CE62, CE64, CE74, CE75

Credit points: 12

Campus: GP

Semester: 1

► **CEP141 STUDIES IN ENVIRONMENTAL ENGINEERING**

Various studies related to waste and resource management and risk analysis. Waste management topics include waste avoidance and minimisation, recycling and reuse; waste exchange; energy production; treatment; and 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

Semester: 2

► **CEP142 WATER POLLUTION CONTROL**

Various studies related to waste and resource management and risk analysis. Waste management topics include waste avoidance and minimisation, recycling and reuse; waste exchange; energy production; treatment; and disposal. Risk analysis studies include 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

Semester: 1

► **CEP143 BIOLOGICAL TREATMENT PROCESSES**

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

Campus: GP

► **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 taken by people with a large range of backgrounds and education levels.

Courses: CE62, CE64, CE74, CE75

Credit points: 12

Campus: GP

► **CEP175 PAVEMENT MAINTENANCE REHABILITATION AND RECYCLING**

The unit describes difference 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 are presented which can be used to assess the condition of a pavement with respect to serviceability, structural capacity and safety. Restoration techniques using granular materials, full depth asphalt and concrete and structural overlays are described along with the 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**

Role of models in engineering design and investigation. Principles of modelling techniques and their uses, limitations and relevant applications.

Courses: CE62, CE64, CE74, CE75

Contact hours: 3 per week **Credit points:** 12

Campus: GP, EXT

Semester: 1

► **CEP216 ADVANCED TRAFFIC ENGINEERING**

Traffic flow theory and traffic management. 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

Semester: 2

► **CEP218 TRANSPORTATION ENGINEERING**

This unit is presented to provide students an advanced understanding within 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

Semester: 1

► **CEP291 ENVIRONMENTAL LAW AND ASSESSMENT**

Introduction to environmental law. Commonwealth and state legislation. Development controls. Trends in environmental control. The framework for environmental assessment. Description of the environmental setting. Impact assessment and analysis.

Courses: CE62, CE64, CE74, CE75

Contact hours: 4 per week **Credit points:** 12

Semester: 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 required engineers that possess vision, organisation, but more importantly it requires 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

Semester: 1, 2

► **CEP293 PAVEMENT DESIGN**

The unit includes investigatory and design procedures as outlined in the AUSTRROADS 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 deal with the collection and analysis of traffic data, empirical and mechanistic design procedures, maintenance and rehabilitation, and an introduction to pavement management systems; sourced from conference proceedings and industry. The background information on the history of pavement design and the origin of pavement design theories is also discussed.

Courses: CE62, CE64, CE74, CE75

Credit points: 12

Semester: 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 and the ability to make other work together as an effective organisation. To achieve this financial and legal knowledge is necessary. Contemporary engineering demands that the practising engineer not only masters basic concepts in either design or construction but there must be a strong backgrounds in current engineering approaches to contract management methods.

Courses: CE62, CE64, CE74, CE75

Credit points: 12

Campus: GP

Semester: 2

► **CEP295 CIVIL ENGINEERING MANAGEMENT IN A PROJECT ENVIRONMENT**

Contemporary engineering demands that the practising engineer not only master basic concepts in either design or construction but that there exists a strong background in current engineering approaches and management methods. The course will provide an insight into the requirements, precepts and problems of engineering management of interdisciplinary projects.

Courses: CE62, CE64, CE74, CE75

Credit points: 12

Campus: GP

Semester: 1

► **CEP97 PROJECT B**

Professional engineers must be able to define and solve problems in areas which are not covered in textbooks and manuals of good practice. An aid to definition and solution is the critical assessment of research and development work. The obtaining of this information and its study will 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 literature review and reporting on their area of investigation. As each project will have its own needs, the tasks shown below are indicative only. The timelines need to be proportionately extended in all other cases. The main tasks are required by the 'proposed' deadlines.

Courses: CE44, CE46, CE74, CE75

Credit points: 24

Campus: GP

Semester: 1, 2

► **CLB001 RECORDS MANAGEMENT**

The paper-based and electronic records and information systems operating within and between organisations; 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

► **CLB002 COMPUTER APPLICATIONS IN BCT**

The use of technology for document preparation, analysis of underlying principles of skills acquisition, traditional and technological perspectives on: document design, document formatting, business correspondence, tabulation, financial statements, business forms, and document formatting for specialised businesses.

Courses: ED50, ED90

Contact hours: 3 per week

Credit points: 12

Incompatible with: COB119

► **CLB003 ADMINISTRATIVE PROCEDURES**

An analysis of business environments in a variety of industries: communication practices, communication flows, functions and operational procedures, and the influence and impact of communication technology.

Courses: ED50, ED90

Contact hours: 3 per week

Credit points: 12

Incompatible with: COB122

► **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 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

► **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 critically analyse 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

Campus: KG

► **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, IX12, IX14, IX51

Incompatible with: CLB348

Campus: KG

► **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 and 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. You will investigate SOSE as a curriculum area and to consider ways of translating syllabus requirements into worthwhile teaching and learning activities. You 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

► **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 you for a professional role as a teacher of secondary school Accounting/Business Management, and also to prepare you to teach in junior secondary school business subjects. 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

► **CLB015 ECONOMICS CURRICULUM STUDIES 1**

The nature of Economics education and its role, contribution and significance for education; introduction to the Queensland Economics and SOSE syllabuses and curriculum documents; 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 you 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

► **CLB018 ENGLISH CURRICULUM STUDIES 1**

An introduction to English teaching in secondary schools, providing an indispensable foundation on which English Curriculum Studies II and III are built. You will 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. You will have opportunities to apply your learning to your field observations 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

Contact hours: 3 per week

Credit points: 12

► **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, you will engage with some of the theory that influences approaches to teaching English as an additional language across the curriculum. You will engage with the documents that impact on planning for ESL teaching and learning eg ESL Framework of Stages and

NLLIA ESL Bandscales. You will be provided with opportunities to explore 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

► **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). You will be introduced to the current curricular directions and frameworks for junior media (Years 1-10) and its applications across the curriculum. The unit will build on the understandings and skills you developed in the unit Teaching and Learning Studies I and II and relate also to Field Studies I. This should assist in preparing you for the further Field Studies components of the course, and lead to the development of your knowledge of classroom management skills, lesson design and implementation, social justice and equity issues and facilitating 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

► **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 you for an international professional role as a teacher of geography, and also to prepare you to teach in the Studies of Society and Environment (SOSE) Key Learning Area (KLA) as currently defined in Queensland. You will be introduced to 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

► **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 you for a professional role as a teacher of secondary school history, and also to prepare you to teach in the broader field 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 history. In these units, the emphasis will be 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

► **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 you for a professional role as a teacher of secondary school Senior Legal Studies, and also to prepare you to teach in 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

► **CLB039 SOCIAL SCIENCE CURRICULUM STUDIES 1**

This is the first of three complementary units in Social Science curriculum aimed at preparing you 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 for you 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

► **CLB304 CONTEXT OF ADULT AND WORKPLACE EDUCATION**

Investigates and analyses of 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 (for example: 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

► **CLB306 UNDERSTANDING EDUCATIONAL PRACTICES**

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

► **CLB320 STUDIES IN LANGUAGE**

The language basis in current approaches to the teaching of English; nature and function of language; dynamics involved in interactive situations; appropriateness of language forms used in various social contexts; educational implications of linguistic diversity within the community; recognition of the developmental features of adolescent language.

Courses: ED50, ED47, ED90

Contact hours: 3 per week **Credit points:** 12

► **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 designed 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

► **CLB322 LITERATURE IN SECONDARY TEACHING**

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, ED51, ED52, ED43, ED90

Contact hours: 3 per week **Credit points:** 12

► **CLB323 TEACHING ADOLESCENT LITERATURE**

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, ED91, ED82

Contact hours: 3 per week **Credit points:** 12

► **CLB325 ENGLISH CURRICULUM STUDIES 1**

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF70, IF75-79

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► **CLB326 ENGLISH CURRICULUM STUDIES 2**

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF75-79

Prerequisites: CLB325

Contact hours: 3 per week **Credit points:** 12

► **CLB327 FILM AND MEDIA CURRICULUM STUDIES 1**

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF70, IF75-78

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► **CLB328 FILM AND MEDIA CURRICULUM STUDIES 2**

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF75-78

Prerequisites: CLB327

Contact hours: 3 per week **Credit points:** 12

► **CLB329 LOTE CURRICULUM STUDIES 1**

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF70, IF75-78

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► **CLB330 LOTE CURRICULUM STUDIES 2**

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF75-78

Prerequisites: CLB329

Contact hours: 3 per week **Credit points:** 12

► **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.

UNIT SYNOPSES

Courses: ED50, ED51, ED56, IF82, IF84
Prerequisites: Six language units or equivalent
Contact hours: 3 per week **Credit points:** 12
Incompatible with: CLB449, CLB450

► **CLB339 ADULT LITERACY AND SECOND LANGUAGE LEARNERS**

Explores the special literacy needs of second language learners and investigates teaching approaches which recognise these needs and develop cross-cultural awareness and communication strategies. Topics include 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 needs analysis in second language literacy course design.

Courses: ED54

Credit points: 12 **Contact hours:** 3 per week

► **CLB341 LANGUAGE, TECHNOLOGY AND EDUCATION**

Foundation unit concerned with language, literacies and technology in educational and worldwide contexts. Contemporary views of language and technological literacies as social activities are explored. Educational implications of the inter-connections between technology, language discourse and power are applied to educational settings. The uses of language discourse and power are applied to educational settings. The use of language and technology in instruction is introduced. The unit is offered by the Schools of Cultural and Language Studies in Education and Mathematics, Science and Technology Education.

Courses: ED55

Contact hours: 3 per week **Credit points:** 12
Incompatible with: EDB006

► **CLB346 CASE STUDIES IN ADULT AND FAMILY LITERACY**

Principles and practices of assisting adults who have less than adequate literacy knowledge and abilities; assisting literacy development of family members; development and use of practical and effective teaching resources and strategies; development, maintenance and reporting of case histories in adult and family literacy.

Courses: ED50, ED51, ED52, ED54, ED55, ED43, IF70-79

Contact hours: 3 per week **Credit points:** 12

► **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

Contact hours: 3 per week **Credit points:** 12

► **CLB349 LANGUAGE AND LITERACY CURRICULUM 2**

This unit is the second language and literacy curriculum unit for Primary BEd students, and is organised into two modules. The first focuses on planning for critical literacy practices in Years 1-7 classrooms, with emphases on texts in the print and electronic environments, their purposes and audiences, and on critique. The second module explores ESL teaching and learning within the context of a multicultural society.

Courses: ED51

Prerequisites: CLB348

Contact hours: 3 per week **Credit points:** 12
Incompatible with: CLB007

► **CLB350 ENGLISH FOR TEACHERS**

This unit is designed to help non-native English speaking primary teachers to develop skills in English which will enable them to undertake their teaching and professional roles effectively whilst in Australia and once they are teaching in

the English as a Foreign Language (EFL) context.

Courses: ED05, ED26, ED43, ED52, ED61, ED47

Credit points: 12

► **CLB351 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE 1**

This unit is designed to help participants to develop a range of understandings so that they can implement effective English as a Foreign Language Programs for young learners, managing the classroom as a complex social environment for teaching and learning.

Courses: ED05, ED26, ED43, ED52, ED61, ED47

Prerequisites: CLB350 **Corequisites:** CLB353
Contact hours: 3 per week **Credit points:** 12

► **CLB352 TEACHING METHODOLOGY FOR ENGLISH AS A FOREIGN LANGUAGE 2**

In this unit, participants explore current issues and emerging trends in curriculum teaching areas. It requires students to reflect upon their own philosophy of teaching, and to build up an extensive repertoire of advanced teaching strategies and appropriate teaching resources. It will also deal with assessment and evaluation.

Courses: ED05, ED26, ED43, ED52, ED61

Prerequisites: CLB351

Contact hours: 3 per week **Credit points:** 12

► **CLB353 MATERIALS AND CURRICULUM DEVELOPMENT FOR ENGLISH AS A FOREIGN LANGUAGE**

This unit helps participants to gain understandings and skills that will enable them to maximise learning opportunities for young learners through the principled use of class textbooks and EFL classroom materials. This will involve developing skills in designing tasks and activities, and for planning for short term and long term English language learning.

Courses: ED05, ED26, ED43, ED52, ED61, ED47

Contact hours: 3 per week **Credit points:** 12

► **CLB355 ACCOUNTING/BUSINESS MANAGEMENT CURRICULUM STUDIES 1**

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, ED19, IF79, IF72

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► **CLB356 ACCOUNTING/BUSINESS MANAGEMENT CURRICULUM STUDIES 2**

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF79, IF72

Prerequisites: CLB355

Contact hours: 3 per week **Credit points:** 12

► **CLB357 BUSINESS COMMUNICATIONS AND TECHNOLOGIES CURRICULUM STUDIES 1**

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF79

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► **CLB358 BUSINESS COMMUNICATIONS AND TECHNOLOGIES CURRICULUM STUDIES 2**

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF79

Prerequisites: CLB357

Contact hours: 3 per week **Credit points:** 12

► **CLB359 ECONOMICS CURRICULUM STUDIES 1**

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF79, IF72

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► **CLB360 ECONOMICS CURRICULUM STUDIES 2**

Continuation of CLB359. Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF79, IF72

Prerequisites: CLB359

Contact hours: 3 per week **Credit points:** 12

► **CLB361 GEOGRAPHY CURRICULUM STUDIES 1**

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF70, IF75, IF76, IF77, IF78, IF79

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► **CLB362 GEOGRAPHY CURRICULUM STUDIES 2**

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF75-79

Prerequisites: CLB361

Contact hours: 3 per week **Credit points:** 12

► **CLB363 HISTORY CURRICULUM STUDIES 1**

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF70, IF75-79

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► **CLB364 HISTORY CURRICULUM STUDIES 2**

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF75-79

Prerequisites: CLB363

Contact hours: 3 per week **Credit points:** 12

UNIT SYNOPSES

► **CLB365 LEGAL STUDIES CURRICULUM STUDIES 1**

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning applied to Legal Studies; and teaching strategies and resources designed to promote a range of learning experiences.

Courses: ED50, ED54, ED55, IF79

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► **CLB366 LEGAL STUDIES CURRICULUM STUDIES 2**

Continuation of PRB365. 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; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF79

Prerequisites: CLB365

Contact hours: 3 per week **Credit points:** 12

► **CLB367 SOCIAL SCIENCE CURRICULUM STUDIES 1**

Assists students to develop those competencies needed for planning and teaching in selected curriculum areas. Content includes: the nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF70, IF79

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► **CLB368 SOCIAL SCIENCE CURRICULUM STUDIES 2**

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF70, IF79

Prerequisites: CLB367

Contact hours: 3 per week **Credit points:** 12

► **CLB371 KNOWING YOUR ENVIRONMENT: FROM GLOBAL ISSUES TO LOCAL ACTION**

An interdisciplinary social science approach to explore the origins, nature and impact of various environmental issues which 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

Contact hours: 3 per week **Credit points:** 12

► **CLB372 SUSTAINABLE CONSUMPTION: FROM COCA-COLA TO THE COMMUNITY CO-OP**

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 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; and consuming for the environment - the green consumer.

Courses: ED52, ED51, ED43

Contact hours: 3 per week **Credit points:** 12

► **CLB373 ENVIRONMENTAL FUTURES AUSTRALIA AND THE ASIA PACIFIC**

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

Contact hours: 3 per week **Credit points:** 12

► **CLB374 STUDIES OF SOCIETY AND ENVIRONMENT**

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 perspectives, multicultural perspectives, global perspectives, futures perspectives, technology and VET perspectives.

Courses: ED50, ED55, IF70-79

Contact hours: 3 per week **Credit points:** 12

► **CLB375 EXPLORING OUTDOORS; EDUCATION IN THE ENVIRONMENT**

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: ED51, ED91, ED82

Contact hours: 3 per week **Credit points:** 12

► **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. It 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

► **CLB377 BUSINESS EDUCATION STUDIES**

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

► **CLB401 CULTURAL DIVERSITY AND EDUCATION**

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: ED26, ED43, ED50, ED51, ED52, ED53, ED54, ED55, IF70-79

Contact hours: 3 per week **Credit points:** 12

► **CLB402 ISSUES IN INDIGENOUS EDUCATION**

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: ED26, ED50, ED51, ED52, ED53, ED54, ED55, IF70-IF79

Contact hours: 3 per week **Credit points:** 12

► **CLB403 GENDER AND SEXUALITY ISSUES FOR TEACHERS**

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

► **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 senior Board 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

► **CLB412 ADVANCED STUDIES IN ENGLISH, ESL CURRICULUM**

Focuses in more depth on selected issues related to the teaching of English and English as a Second Language in the secondary school. Topics will include: literature and popular culture in the classroom; materials development for non-native speakers of English; language, multiculturalism and ideology; school to work transition programs; contemporary issues in language education, linguistics and cultural studies.

Courses: ED50, ED55, IF70-79

Prerequisites: CLB325, CLB326

Contact hours: 3 per week **Credit points:** 12

► **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; and, two practical strands in which students will plan for unit development, assessment and intervention in both language and mathematics.

Courses: ED18, ED51, ED56, IF82, IF84

Prerequisites: Language and Mathematics Curriculum Sequences or equivalent

Contact hours: 3 per week **Credit points:** 12

► **CLB440 TRENDS IN THE TEACHING OF WRITING**

Development of writing in the light of the language in use model, recent research, and classroom practice. It is designed for the P-12 teacher. Students are expected to develop their own folio of writing, an understanding of current approaches to writing curriculum, and writing programs for their classrooms.

Courses: ED26, ED51, ED52, ED43

Contact hours: 3 per week **Credit points:** 12

► **CLB441 CHILDREN'S LITERATURE**

Provides students with the opportunity to extend their knowledge of children's literature written by both Australian and overseas writers; examines traditional and emerging genres; develops critical approaches to texts; considers ways of using children's literature in the classroom.

Courses: ED26, ED51, ED52, ED53, ED43, ED91, ED82

UNIT SYNOPSES

Contact hours: 3 per week **Credit points:** 12

► CLB443 TRENDS IN THE TEACHING OF READING

Provides students with the opportunity to extend their understanding of the reading process; examines current views about reading in order to identify key concepts of the theory; implications for classroom practice are drawn; identifies factors which influence readers and texts; the roles these play in the understanding of the meanings made; develops learning situations based on these understandings.

Courses: ED26, ED50, ED53, ED55, IF70-79

Contact hours: 3 per week **Credit points:** 12

► 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 introduction 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: ED50, ED90, ED51, ED52, ED43

Contact hours: 3 per week **Credit points:** 12
Campus: KG

► CLB447 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 1

Introduction to the design and development of curriculum, materials and resources to meet the general and specific needs of learners who are non-native English speakers and who require higher English language proficiency levels for study purposes.

Courses: ED19, ED50, ED55

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► CLB448 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 2

Continuation of LAB447 showing 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: ED19, ED50, ED55

Prerequisites: CLB447

Contact hours: 3 per week **Credit points:** 12

► CLB449 PRIMARY LOTE CURRICULUM STUDIES 1

Current theory and practice in LOTE teaching/learning in the primary school with particular emphasis on the intellectual, physical, emotional and social needs of young learners and the need for teaching approaches drawn from general educational theory together with an understanding of second language acquisition.

Courses: ED55

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► CLB450 PRIMARY LOTE CURRICULUM STUDIES 2

Continuation of CLB449. Content, processes and materials appropriate to the planning and implementation of LOTE programs in the primary school which 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

► CLB451 STORYTELLING: CULTURAL PERSPECTIVES

Provides students with the opportunity to develop confidence in their ability to tell stories; explores

a wide range of oral and traditional story genres; investigates cultures and their stories; promotes ways for using storytelling across the curriculum.

Courses: ED51, ED52, ED43, ED26

Contact hours: 3 per week **Credit points:** 12

► 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 in addition to incorporating the concepts in 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: ED51, ED52

Contact hours: 3 per week **Credit points:** 12
Incompatible with: LAP513

► 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 across-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

► CLB454 LANGUAGE AND LITERACY CURRICULUM

Following an introduction which 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 concerns planning for a critical approach to literacy education.

Courses: ED26, ED56, IF82, IF84

Contact hours: 3 per week **Credit points:** 12

► CLN601 CYBERLEARNING: INFORMATION & KNOWLEDGE IN THE DIGITAL AGE

Cyber-learning occurs in digitally navigable environments which shape and are shaped by a variety of discourses: social, cultural, political, institutional, technological and economic. Current pedagogical issues and evolving epistemologies pertaining to information creation and knowledge construction need to be addressed by educators and other learners who will participate in cyber-learning experiences in their professional and personal lives. As the Foundation Unit for the Learning Futures Area of Interest, Cyber-learning: Information and Knowledge in the Digital Age addresses the essential elements for understanding potential new pedagogical practices and epistemologies which will inevitably be shaped by the changing nature of communications technologies.

Courses: ED13

Contact hours: 3 per week **Credit points:** 12

► CLN602 DIVERSITY AND MULTILITERACIES

Amongst literacy researchers and policymakers in education systems in Australia and internationally, there is fundamental agreement that the digital revolution in communication and information technologies has created new forms of literacy. Everyday literate practices involve multiple text forms, employ a range of media and various technologies to communicate. Texts are spoken, written, produced as visual art and other symbolic forms, and often in multimedia combinations and digital interactive contexts. This unit examines new literacies in education contexts through contemporary perspectives and in acknowledgement of the multiliteracies that exist within a complex of social and cultural groups in society.

Courses: ED13

Contact hours: 3 per week **Credit points:** 12

Campus: KG

► CLN603 DESIGNING SPACES FOR LEARNING

New information and communications technologies have altered understandings of time and space for learning and teaching. However, many educators are engaged with learners in traditional physical spaces newly occupied by a variety of technologies and are required to negotiate changing, and often technology-driven approaches to learning and teaching in both geographic and virtual spaces. This unit provides an essential foundation for understanding the complex relationships between space, place and learning pedagogies appropriate for future-oriented educational contexts, and recognises the role of the educator in the design of learning spaces.

Courses: ED13

Campus: EXT

► CLN604 GLOBALISATION AND EDUCATIONAL CHANGE

Globalisation requires greater engagement by education institutions with issues of cultural complexity and difference. It demands proactive and progressive mediations between local, national and global forces to build new forms of citizenship. This unit will lay foundations for teachers to engage in new forms of education for global times. The unit provides theoretical understandings of the key debates surrounding globalisation. It examines globalisation's impact on North/South relations, on national and local societies, on the environment and education. It develops an understanding of the challenges presented by globalisation for education's traditional role of building citizenship.

Courses: ED13

Contact hours: 3 per week **Credit points:** 12

► CLN605 INTERCULTURAL PEDAGOGIES: COMPARATIVE PERSPECTIVES

As part of their transition from being nation-centres to institutions engaged with a more interconnected world, schools and universities need to prepare students to live and work in a more interdependent world. This unit prepares educators for engaging with diversity in the curriculum, school or wider educational setting. Using a comparative and transcultural perspective, it discusses major issues that affect school curricula, and the nature of policy initiatives designed to resolve them.

Courses: ED13

Contact hours: 3 per week **Credit points:** 12
Campus: KG

► 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

► CLN609 LANGUAGE, LITERACIES AND LEARNING

Provides an understanding of the historical, theoretical, conceptual and research bases of program development and classroom instruction in English language and literacy.

Courses: ED11, ED13

Credit points: 12

► CLN612 PRINCIPLES OF SECOND LANGUAGE METHODOLOGY

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

UNIT SYNOPSES

► CLN613 SECOND LANGUAGE CURRICULUM DESIGN OPTIONS

The factors which influence teachers in the development of language programs. 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

► CLN614 RESEARCH METHODS AND SECOND LANGUAGE EDUCATION

Introduces students to methods and techniques which are used by classroom teachers and language educators to undertake small and large scale research projects and to report research findings in journals and other publications.

Courses: ED14, ED77

Contact hours: 3 per week **Credit points:** 12

► CLN615 DIRECTED READING IN SECOND LANGUAGE EDUCATION

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

► CLN616 LANGUAGE ASSESSMENT AND PROGRAM EVALUATION IN TESOL

Theories and practices in program evaluation, language testing and proficiency assessment. It examines and evaluates standardised tests and instruments which 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

► 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

► CLN618 TECHNOLOGY AND SECOND LANGUAGE LEARNING

The twentieth century saw a rapid change in the technology available to language teachers. An exploration of 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

► CLN619 FUNCTIONAL GRAMMAR AND DISCOURSE

When we use language to enact our everyday lives, to teach and to learn, we use discourses to do so. Through this unit, students develop both the knowledge and the tools to analyse how discourses, comprising texts, make meaning linguistically. Students will analyse and discuss how meaning is constructed through interacting socio-cultural contexts and texts. Studies include the relationships among discourse, genre, register and text, involving the role of coherence and cohesion in text level meaning, of transitivity, mood and theme/rheme in clause level meaning, and of nominal, verbal and prepositional groups in group level meaning. Significant linguistic features of written and spoken language are identified and discussed.

Courses: ED14, ED77

Credit points: 12

► CLN620 LANGUAGE AND CULTURE

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

► CLN625 NEW LITERACIES AND TECHNOLOGIES

The modules in this unit introduce current theories and debates about new forms of literacy practice emerging in the current age of electronic information and communication. Students will experience and experiment with educationally relevant aspects of design or practice in language and literacy education using electronic information and communications applications, and develop strategies for appropriate selection and use of new technologies for particular educational settings and learners.

Courses: ED13, ED11

Credit points: 12

► CLN626 PRIMARY LANGUAGE AND LITERACY CURRICULUM

The unit is constructed of three modules: skilling students for literate acts; teaching/learning through a genre and critical approach; and catering for different learners in the language and literacy program. The unit approaches the teaching-learning cycle through a problem-solving approach, and through case studies and scenarios typical of classrooms which include a range of learners including ESL students and those who have different learning styles and abilities.

Courses: ED18

Contact hours: 3 per week **Credit points:** 12

► CLN631 POLICIES AND PRACTICES FOR INCLUSIVE EDUCATION

Explores how difference, in terms of disability, has been socially produced, conceptualised and theorised. The historical, socio-cultural, organisational, curriculum and pedagogical contexts of education must be taken into account if inclusive education is a political contested issue, demanding constant negotiation and requiring profound changes in the culture of schools. Social justice and equity considerations in policy and practice are a major focus of curriculum call for a supportive, whole school approach.

Courses: ED13, ED11

Credit points: 12

► CLN632 YOUTH FOCUSED BEHAVIOUR MANAGEMENT AND SCHOOLS

Examines the social and contextual causes and consequences of young people's behaviour in schools, and in particular, investigates student behaviour from a 'whole school' perspective rather than in the individual classroom context. It provides analytical frameworks for understanding how the category of 'youth' is constructed and maintained, and how this translates into student behaviour. It focuses on building protective and supportive environments in schools and communities as a preventative rather than a reactive strategy for behaviour management. The intention is to provide participants with the opportunity to examine and develop practices which minimise the probability of the development of 'at risk' behaviour in schools, especially secondary schools.

Courses: ED13, ED61, ED11 **Credit points:** 12

► CLN640 SOCIOLINGUISTICS

An introduction to sociolinguistics, the study of language as social process and practice. Topics covered include: 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

► CLN641 FROM THEORY TO PRACTICE -PRACTICAL APPLICATIONS IN THE TESOL CLASSROOM

Focuses on Communicative Language Teaching (CLT). 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

► CLN642 GRAMMAR FOR TEACHERS

Assists language teachers 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 as well as 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

► CLN643 ENGLISH LANGUAGE TEACHING MANAGEMENT

Examines a range of issues of relevance for ESL program directors and managers, such as 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; and the implications of globalised English language teaching.

Courses: ED14, ED77

Contact hours: 3 per week **Credit points:** 12

► CLP501 SOCIO-CULTURAL ISSUES IN EDUCATION

Examines socio-cultural contexts of schooling; the pastoral care and special needs industries; resistance and disruption in schools; disability and integration.

Courses: ED28, ED61

Contact hours: 3 per week **Credit points:** 12

► CLP527 LEARNING IN THE INFORMATION AGE

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

► CLP528 LITERARY AND POPULAR RESOURCES FOR LEARNING

Addresses issues related to resourcing the curriculum and 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

► CLP529 COMMUNICATION WITHIN AN INFORMATION ENVIRONMENT

Theories and practice of interpersonal communications, management and leadership issues professionals can apply and evaluate in managing information within their own work environment.

Courses: ED25, ED61

Credit points: 12

► CLP530 ACCESSING INFORMATION SOURCES

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

► CLP531 FIELD PROGRAM

Principles and practice of school library resource centre administration and management, including study of library environment, administrative systems and staff management; study of the literature of the field, and of work practices through experience in at least two sites.

UNIT SYNOPSES

Courses: ED25 **Credit points:** 12

▶ CLP532 BIBLIOGRAPHIC ORGANISATION

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 indexing and other bibliographic helps to accessing information in books and other library holdings.

Courses: ED25
Credit points: 12

▶ CLP534 CONTEMPORARY PUBLISHING: TRENDS AND PRACTICES

This unit will provide students with a knowledge of contemporary publishing trends in print and digital formats from cultural, educational and commercial perspectives. The unit will also enable students to develop appropriate skills for the critical evaluation, design and production of a range of publications for both in-house and wider distribution.

Courses: ED25 **Credit points:** 12

▶ CNB101 CONSTRUCTION 1

This unit covers the following: 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 **Semester:** 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, maintenance, corrosion protection, deterioration and ageing; Sustainable development; Material recycling. Storage on site, Installation processes; identification and causes of building defects and recommendations for potential remedies.

Courses: CN51, CN53 **Corequisites:** CNB101
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

▶ CNB105 LEGAL AND LAND STUDIES

Legal Studies: Structure of the Australian legal system; Land law: Environmental law; Permits; Building Code of Australia, Housing provisions; Standard Building Regulation 1993. Land Surveying; Levelling & Data Analysis: Trigonometry; geometry; unit conversions, manipulation of equations, estimation of accuracy/errors, trigonometry; vectors and their applications. Functions; 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; Maps; Cadastre, Balanced cut and fill.

Courses: CN51, CN53
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

▶ CNB106 TECHNICAL COMMUNICATIONS

Research, writing and learning processes; information literacy & retrieval skills; written communication skills; presentation strategies and skills; The QUT library as a resource; writing

processes including types, formats, styles; and referencing; job application and interview skills. Computing at QUT; electronic information retrieval; QUT electronic databases, software packages including Word, Excel, PowerPoint, 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 **Semester:** 1

▶ CNB107 CONSTRUCTION 2

The aim of this unit is to provide you 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. Focus on legislative requirements; on-site inspections; site management techniques; temporary works and construction plant requirements, labour; In-ground construction; external treatments (cladding); formwork; bracing and stability; services co-ordination; Landscaping; Environmental, building defects, disabled access; universal design; load-bearing masonry; services co-ordination; 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 **Semester:** 2

▶ CNB108 BUILDING TECHNOLOGY 2

Structural engineering analysis examining 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 the use of computer software in structural analysis.

Courses: CN51, CN53
Prerequisites: CNB102 **Corequisites:** CNB107
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

▶ CNB109 PROFESSIONAL STUDIES 1

Assignment-based project orientated group work where you 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 process; 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 **Semester:** 2

▶ CNB110 MEASUREMENT 1

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, glassing, hardware, suspended ceilings and masonry).

Courses: CN51, CN53
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 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) 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) Introduces students to information retrieval techniques in accord with current Information Literacy program development.

Courses: CN54 **Credit points:** 12
Incompatible with: CNB181
Campus: GP **Semester:** 1

▶ CNB191 PROPERTY LAW 1

Topics covered within the content of this unit are: 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 **Semester:** 1

▶ CNB192 BUILDING STUDIES 1

The unit introduces students to the principles and methods of domestic construction. For each building type covered, common construction faults and defects are addressed. Tutorials are used to reinforce the lecture material and as a means of teaching 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 **Semester:** 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 **Credit points:** 12
Prerequisites: CNB191 **Incompatible with:** CNB283
Campus: GP **Semester:** 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 **Semester:** 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 and failures and rectification; alternative forms of external cladding; waterproofing problems.

Courses: CN51, CN53
Prerequisites: CNB107 **Corequisites:** CNB202

UNIT SYNOPSES

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CNB202 BUILDING TECHNOLOGY 3

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. Contents: Basic structural member design for tension, compression, bending and shear loads through detailed examination through 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 including trusses and retaining walls with an emphasis on qualitative and quantitative techniques. Construction stability examined in detail including cranes, shoring, scaffolding, and slings.

Courses: CN51 **Prerequisites:** CNB108

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CNB203 BUILDING SERVICES

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 **Semester:** 1

► CNB204 MEASUREMENT 2

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: 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 **Semester:** 1

► CNB206 LAW 1

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; 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 **Semester:** 2

► CNB207 PROFESSIONAL STUDIES 2

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; 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

Prerequisites: CNB109, CNB107

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 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 and (c) the integration of computer software. A range of computer products will be introduced to cover construction management topics such as project scheduling, project control, estimation, and cost monitoring.

Courses: CN52, CN53

Contact hours: 4 per week **Credit points:** 12
Incompatible with: CNB304

Campus: GP **Semester:** 2

► CNB228 CONSTRUCTION BUSINESS ADMINISTRATION

Construction Administration: 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 are developed 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. Examination of the Workers Compensation Act Workplace Health and Safety; A study of the Workplace Health and Safety Act, Regulations and Codes of Practice.

Courses: CN51

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 and interior and exterior component finishes, and fault identification and remedy. The unit examines the history and need for cost control, comparisons between cost planning and approximate estimating. NPWC cost control systems. Effect of height, shape and building efficiency upon cost and value. Functional requirements and cost implications of construction methods. Influence of site and market conditions; prefabrication.

Courses: CN54

Contact hours: 4 per week **Credit points:** 12
Incompatible with: CNB282

Campus: GP **Semester:** 1

► CNB291 URBAN 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: 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 **Semester:** 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 **Semester:** 1

► CNB293 REAL ESTATE ACCOUNTING AND TAXATION

Introduction to 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 control 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 build amortisation).

Courses: CN54

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CNB294 REAL ESTATE AGENCY AND MARKETING

The focus of this module will be 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 to the unit, students will have a good understanding of Real Estate agency Management and Practice Methodologies, contemporary Real Estate Marketing Theory and Practice. Reference will also be made to Legislative impacts including: Property Agents and Motor Dealers Act, Trade Practices Legislation, Retail Shop Leases Act and Common law.

Courses: CN54

Prerequisites: CNB191 **Credit points:** 12
Campus: GP **Semester:** 2

► 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: 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

Prerequisites: CNB291 **Credit points:** 12
Campus: GP **Semester:** 2

► CNB296 CONTEMPORARY ISSUES

UNIT SYNOPSES

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: Native Title; Heritage; Contamination; Environmental and Sustainability; Professional Issues; Internationalisation of Property Markets; Water Rights; Demographics; Regional and Rural Issues, and Common Property Rights.

Courses: CN54

Credit points: 12 **Incompatible with:** CNB285
Campus: GP **Semester:** 2

► CNB302 CONTRACT ADMINISTRATION

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

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CNB303 CONSTRUCTION BUSINESS ACCOUNTING

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

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CNB305 CONSTRUCTION ESTIMATING

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

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CNB306 CONSTRUCTION BUSINESS MANAGEMENT 3

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

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► CNB307 BUILDING ECONOMICS AND COST MANAGEMENT

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

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► CNB308 PROFESSIONAL STUDIES 3

The aim of this unit is to help you 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 using the computer simulation Arousal in the areas of staffing, tendering and tactical positioning; 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 **Prerequisites:** CNB207

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► CNB309 LAW 2

Commercial Law: 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. Building Law: Study of the Building Code of Australia and Building Regulations, which control the design, construction of building works; emphasis on all building law; a study of the Acts Interpretation Act, Town Planning Acts; etc

Courses: CN51, CN53

Prerequisites: CNB206, CNB101, CNB105, CNB107, CNB201

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► 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

Prerequisites: CNB204
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2

► CNB335 TIME MANAGEMENT

Controlling time and resources is an essential task in construction project management. Students in construction courses must develop an understanding 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 will form an important part of the study in this unit.

Courses: CN51, CN53

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1, 3

► CNB336 CONSTRUCTION BUSINESS MANAGEMENT

This unit involves an examination into a range of general business management practices and issues as they relate to the construction industry. Specific topics to be examined include: 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 into 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

Campus: GP **Credit points:** 12
Semester: 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 and the Institute plays a key role in monitoring student/host interaction to ensure students receive the best quality experience possible.

Courses: CN54

Campus: GP **Credit points:** 24
Semester: 1

► CNB391 STATUTORY AND APPLIED VALUATION

Valuers are often called upon to perform valuations of special use properties and for statutory purposes and to represent those valuations as an expert witness. Contents include: 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 a going concern.

Courses: CN54

Prerequisites: CNB194, CNB292

Credit points: 12

Campus: GP **Semester:** 1

► CNB392 PROPERTY INVESTMENT ANALYSIS

Topics covered will be: 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 **Semester:** 2

► CNB393 PROPERTY AND ASSET MANAGEMENT

Property Management provides a detailed insight into all aspects of property management, from residential management progressing to specialised industrial, commercial and retail centres. It addresses lifecycle analysis and incorporate units of competency standards ASF 16, 17, 18, 19.

Courses: CN54

Prerequisites: CNB191, CNB191, CNB192, CNB194, CNB290, CNB292, CNB293

Credit points: 12

Campus: GP **Semester:** 2

► CNB394 PROPERTY DEVELOPMENT

Data will be provided on the Australian urban economic environment to enable students to gain knowledge of the various development sectors.

UNIT SYNOPSES

Students will be exposed to various planning, building, legal, financial and environmental acts and conditions. Knowledge gained will be applied to a range of case studies across various development sectors.

Courses: CN54 **Prerequisites:** CNB292
Corequisites: CNB392 **Credit points:** 12
Campus: GP **Semester:** 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 included research and retrieval skills; research methodologies and strategies, data collection and analysis; presentation and dissertation writing.

Courses: CN54
Credit points: 12 **Incompatible with:** CNB383
Campus: GP **Semester:** 2

► CNB402 INVESTMENT THEORY

Construction Managers need to understand how property is valued and the different aspects of land which 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 **Semester:** 1

► CNB408 ADVANCED BUILDING AND CIVIL CONSTRUCTION

Focus 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. Detailed study of 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 **Semester:** 2

► 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 whilst in approved employment for a minimum of 100 days. Diary and logbook 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 **Semester:** 1

► CNB410 PROPERTY DEVELOPMENT

Property development process giving you 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; planning, building, legal, financial and environmental issues; 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 **Semester:** 2

► CNB420 CURRENT CONSTRUCTION ISSUES

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 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 **Semester:** 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 whilst in approved employment for a minimum of 100 days. Diary and logbook 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
Semester: 2

► CNB424 SPECIALIST MEASUREMENT

Measurement is a core skill amongst building professionals. This skill is particularly important to you in relation to the production of quantified documents for the purposes of tendering and estimating. This unit occurs in the final year of your 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
Semester: 2

► CNB425 INTERNATIONAL CONSTRUCTION

Students will 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 issues and practices that 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 **Semester:** 2

► CNB433 DISSERTATION A

This unit will allow you to explore underlying theory, and maximise your opportunity to investigate and develop an area of personal interest. Focus on research methodology; data collection and analysis, information literacy; Information retrieval skills; Literature review and research proposal writing activities; Statistics; 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 disper-

sion; Grouped data and misuse of descriptive statistics.

Courses: CN51, CN53
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► CNB434 DISSERTATION B

Research and development is an important success factor in today's competitive and global environment. As a student, research will allow you to explore underlying theory behind your chosen area of interest. On the other hand, as a practitioner, the unit will help you to identify valuable and profitable research. This unit involves collection, analysis and interpretation of primary data in relation to work completed in CNB433; Provision of conclusions, as well as recommendations for further research.

Courses: CN51, CN53 **Prerequisites:** CNB433
Contact hours: 3 per week **Credit points:** 12
Semester: 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. Includes 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 **Semester:** 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 in the performance of building work and use appropriate techniques to avoid and manage disputes. This unit helps students develop the skills required to avoid and manage disputes; 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 **Semester:** 1

► CNB482 MEASUREMENT 4

Measurement is a core skill amongst building professionals. This skill is particularly important to you 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 environmental impact of buildings.

Courses: CN53
Prerequisites: CNB310 **Credit points:** 12
Campus: GP **Semester:** 1

► CNB483 SMART AND SUSTAINABLE CONSTRUCTION

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: Multi-storey office building project in CBD; Marina resort development on tropical Queensland coast; KG Urban Village development; Sustainable housing

UNIT SYNOPSES

development utilizing specific site characteristics.

Courses: CN51, CN53

Prerequisites: Completion of three years of full-time study in respective courses below or in equivalent courses: AR48, BN31, BN32, EE41, CE44, CE46, CN51, CN53, CN54, ME41

Credit points: 12

Campus: GP

Semester: 1

► CNB490-1/2 RESEARCH DISSERTATION

Student will embark on a research project culminating in the presentation of written dissertation on a topic of their choice. Progression will be closely monitored and assistance provided by individual supervisors who will guide the student through the process.

Courses: CN54

Prerequisites: CNB395, final year subjects

Credit points: 24

Semester: 1, 2

► CNB491 RURAL VALUATION

The unit utilises skills and knowledge learned from earlier units and applies these attributes 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

Prerequisites: Year 3 of CN54

Credit points: 12

Campus: GP

Semester: 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 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, year 3 of CN53

Credit points: 12

Campus: GP

Semester: 2

► CNB493 ADVANCED PROPERTY VALUATION AND ANALYSIS

The unit will explore and analyse 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 will be 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 will be used.

Courses: CN54

Prerequisites: CNB392, year 3 of CN54

Credit points: 12 **Incompatible with:** CNB385

Campus: GP

Semester: 2

► CNB494 ADVANCED MARKET RESEARCH ANALYSIS

This unit will re-acquaint students with published property market data sources and methods of interpretation and develops skills to source, analyse, interpret and report on primary property market data using appropriate analysis methods. Students will be introduced to statistical software packages as a tool to assist the data analysis process.

Courses: CN54

Prerequisites: Completion of year 3 of CN54

Credit points: 12

Incompatible with: CNP555

Campus: GP

Semester: 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. Economic environment and property management issues. Base theory (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, year 3 of CN54

Credit points: 12

Campus: GP

Semester: 2

► CNB496 PROJECT MANAGEMENT

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 and project structure, communication, managing change and performance measurement (time, cost and quality).

Courses: CN54 **Prerequisites:** Year 3 of CN54

Incompatible with: CNP520

Campus: GP

Semester: 1

► CNB497 PROJECT COST AND RISK MANAGEMENT

The unit will identify: fundamental project management principles that relate to economics, cost and risk management and the key elements of pro-active cost management and the implementation of risk evaluation. It will revisit the macro-economic and micro-financial contexts of project, construction and property management and provide students with and understanding of the practical applications of responsibility, accountability, motivation, reporting and implementation of project cost management. Furthermore it will cover 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, year 3 in CN54

Credit points: 12

Incompatible with: CNP521

Campus: GP

Semester: 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: 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 their understanding and skills of human processes relevant to project management.

Courses: CN54

Prerequisites: CNB496, year 3 of CN54

Credit points: 12 **Incompatible with:** CNP551

Campus: GP

Semester: 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, completion of Year 3 of CN54

Credit points: 12 **Incompatible with:** CNP534

Campus: GP

Semester: 2

► CNN442 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

Semester: 1, 2

► CNP001 KNOWLEDGE AND IT MANAGEMENT

This unit introduces ideas and develops students' capacity to understand the elements of organisational learning, how to optimise information technologies to serve customers and to support initiatives to simplify and improve management processes, how best to use IT and other communication channels to improve the decision making process, and the impact of internationalisation and cultural diversity upon knowledge and IT management. It comprises Web based learning experience, chatrooms, group and individual assignment work. Topics include Knowledge as a critical resource, Capturing and disseminating knowledge, Innovation diffusion, Information technologies that support decision-making, and IT that supports monitoring and information dissemination. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89

Contact hours: 3 per week **Credit points:** 12

Semester: 1

► CNP002 PROJECT PROCUREMENT AND ETHICS

This unit involves two important strands of strategic project procurement knowledge. Procurement systems enable students to experience access to the development of options of acquiring facilities, ideas or other project outcomes from inception to facilities management. Ethical theory and application to procurement provides an ethical framework within which project procurement can be accomplished. The pattern of delivery is by a two-week concentrated seminar program. Students form a syndicate to discuss and distil a response to a vignette relating to theory presented in seminars. During these workshops, students fully discuss issues raised and present an A4 sized sheet summarising their position. These are presented in a plenary session. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89

Contact hours: 3 per week **Semester:** 2

► CNP003 PROJECT MANAGEMENT LEADERSHIP

This unit concentrates on the nature and practice of leadership, managing change, strategic planning, strategic human resource management, encouraging productive diversity, and managing for organisational learning. It focuses on PM leadership as an enabler for productive growth in terms or organisations and individuals.

Courses: CN89

Contact hours: 3 per week **Credit points:** 12

► CNP004 ELECTIVE

Unit to be selected from the University portfolio of Masters courses units in consultation with the Doctor of Project Management Course Coordinator.

Courses: CN89

Contact hours: 3 per week **Credit points:** 12

► CNP011 KNOWLEDGE AND IT MANAGEMENT REFLECTIVE LEARNING

This unit provides students with the opportunity to take part in virtual small group seminars and RMIT web-based 'chat group' sessions with students and staff to help the student produce a case study report on how knowledge and IT

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management is applied to the student's working project environment. The report is in the order of 5-6000 words and of a publishable standard allowing enhancement of their communication and presentation skills. Students also make a formal presentation of the work. The reflection on the unit theory undertaken in CNP001 Knowledge and IT Management forms the basis of this unit and thus this unit must be undertaken at least concurrently with CNP001. Students are expected to maintain a reflective portfolio for this unit. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 **Corequisites:** CNP001
Contact hours: 3 per week **Credit points:** 12
Semester: 1

► CNP012 PROJECT PROCUREMENT AND ETHICS REFLECTIVE LEARNING

This unit provides students with the opportunity to take part in virtual small group seminars and RMIT web-based chatgroup sessions with students and staff to help the student produce a case study report on how project procurement strategies and the related ethical aspects are applied to the student's working project environment. The report is in the order of 5-6000 words and of a publishable standard allowing enhancement of their communication and presentation skills. Students also make a formal presentation of the work. The reflection on the unit theory undertaken in CNP002 Project Procurement and Ethics forms the basis of this unit. Students are expected to maintain a reflective portfolio for this unit. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 **Corequisites:** CNP002
Contact hours: 3 per week **Credit points:** 12
Semester: 2

► CNP013 PROJECT MANAGEMENT LEADERSHIP REFLECTIVE LEARNING

This unit provides students with the opportunity to take part in virtual small group seminars and RMIT web-based 'chatgroup' sessions with students and supervisors to help the student produce a case study report on how PM leadership is applied to the student's working project environment. The report is in the order of 5-6000 words and of a publishable standard allowing enhancement of their communication and presentation skills. Students also make a formal presentation of the work. The reflection on the unit theory undertaken in CNP003 Project Management Leadership forms the basis of this unit and thus this unit must be undertaken at least concurrently with CNP003. Students are expected to maintain a reflective portfolio for the unit. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 **Corequisites:** CNP003
Contact hours: 3 per week **Credit points:** 12

► CNP014 ELECTIVE REFLECTIVE LEARNING

This unit provides students with the opportunity to take part in virtual small group seminars and RMIT web-based 'chatgroup' sessions with students and staff to help the student produce a case study report on how the elective is applied to the student's working project. The report is in the order of 5-6000 words and of a publishable standard allowing enhancement of their communication and presentation skills. Students also make a formal presentation of the work. The reflection on the unit theory undertaken in CNP004 Elective forms the basis of this unit and thus this unit must be undertaken at least concurrently with CNP004. Students are expected to maintain a reflective portfolio for the unit. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 **Corequisites:** CNP004
Contact hours: 3 per week **Credit points:** 12

► CNP051 RESEARCH PROJECT 1

In this unit, the students interact with library facilities, supervisors and tutorial group to fully

acquaint themselves with their research topic, previous research, background and related topics and prepare a detailed annotated bibliography. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 **Contact hours:** 3 per week
Credit points: 24 **Semester:** 2

► CNP052 RESEARCH PROJECT 2

A literature review is prepared, accommodating all the salient issues in a coherent, consistent, logical and critical manner. Potential research methods are identified and a provisional research plan agreed. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 **Prerequisites:** CNP05
Contact hours: 3 per week
Credit points: 24 **Semester:** 3

► CNP053 RESEARCH PROJECT 3

This unit extends the case study reports from the prerequisite unit into a holistic review of PM practice in the case study investigations. The aim at the end of the unit is to identify a thesis area and an appropriate method for its research, and to have undertaken literature reviews and other preliminary research. A research plan will be agreed between students and supervisors. The unit will involve students integrating their coursework study and case study assignments with a series of empirical and qualitative research studies in the thesis area. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 **Prerequisites:** CNP052
Contact hours: 3 per week **Credit points:** 24

► CNP054 RESEARCH PROJECT 4

Students interact with their supervisors and tutorial group to allow the shape and form of the thesis area to be formed and developed in readiness for the final year of the course. Case study reports from the prerequisite unit are extended into a holistic review of PM practice in the case study investigations. By the end of the unit a thesis area and an appropriate method for its research will have been identified, and literature reviews and other preliminary research undertaken. Under supervisor direction, the thesis area will become firmly established, and appropriate research methodologies studied. A research plan will be agreed and should allow employers to gain demonstrable outcomes and positive contribution to their projects. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89 **Prerequisites:** CNP053
Contact hours: 3 per week **Credit points:** 24

► CNP061-1 RESEARCH PROJECT 5

The research encompasses discovery and reflection on PM practice with focus upon case studies drawn from practice; participants compare best practice; with observations made concerning the research cases. The reflective process is based upon not only review of what has been seen to have occurred in the case studies but also on the course participant's reflection on their attitudes, beliefs and actions. The depth and originality of the research needs to be demonstrated as being of doctorate level. It is expected that the learning experience will be diffused to industry and course participant colleagues, as progress seminars will be open to industry and peer review. The unit ends with a 6-month report. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89
Prerequisites: CNP051, CNP052, CNP053, CNP054
Contact hours: 3 per week **Credit points:** 24

► CNP061-2 RESEARCH PROJECT 5

The research encompasses discovery and reflection on PM practice with focus upon case studies drawn from practice; participants compare best practice; with observations made concerning the research cases. The reflective process is based upon not only review of what has been seen to have occurred in the case studies but also on the

course participant's reflection on their attitudes, beliefs and actions. The depth and originality of the research needs to be demonstrated as being of doctorate level. It is expected that the learning experience will be diffused to industry and course participant colleagues, as progress seminars will be open to industry and peer review. The unit ends with a 6-month report. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89
Prerequisites: CNP051, CNP052, CNP053, CNP054
Contact hours: 3 per week **Credit points:** 24

► CNP062-1 RESEARCH PROJECT 6

This unit continues from CNP061-1&2 Research Project 5 in encompassing discovery and reflection upon practice and focusing upon case studies drawn from practice, with the course participant's reflection on their attitudes, beliefs and actions resulting from their reflections. It is expected that the learning experience will be further diffused to industry and course participant colleagues via progress seminars. The thesis research is drawn together into a single thesis of approximately 40,000 to 50,000 words in length. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89
Prerequisites: CNP061-1, CNP061-2
Contact hours: 3 per week **Credit points:** 24

► CNP062-2 RESEARCH PROJECT 6

This unit continues from CNP061-1&2 Research Project 5 in encompassing discovery and reflection upon practice and focusing upon case studies drawn from practice, with the course participant's reflection on their attitudes, beliefs and actions resulting from their reflections. It is expected that the learning experience will be further diffused to industry and course participant colleagues via progress seminars. The thesis research is drawn together into a single thesis of approximately 40,000 to 50,000 words in length. Students must have own computing facilities with web access, computer literacy and computer research skills.

Courses: CN89
Prerequisites: CNP061-1, CNP061-2
Contact hours: 3 per week **Credit points:** 24

► CNP100 FACILITIES MANAGEMENT

Facilities management as a discipline is grounded in management, the role of Facilities Management provides the crucial link between the demands of strategic business planning of the core business and the provision of the supporting infrastructure necessary for the delivery of the core business products and/or services. This unit provides the theory, principles and concepts of facilities management in relationship to property assets.

Courses: CN90, CN91, CN92 **Credit points:** 12
Campus: GP **Semester:** 2

► CNP520 PROJECT MANAGEMENT

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 and project structure, communication, managing change and performance measurement (time, cost and quality).

Courses: CN64, CN77, CN81
Contact hours: 3 per week **Credit points:** 12
Incompatible with: CNP431
Campus: GP **Semester:** 1

► CNP521 PROJECT COST AND RISK MANAGEMENT

Central to project and construction management is the identification of project risk and the control of project cost. The major 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 manage-

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ment, and the fundamentals of risk evaluation associated with project implementation.

Courses: CN64, CN77, CN81

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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. Innovation and Technology Management 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 environment.

Courses: CN64, CN77, CN81

Contact hours: Block format **Credit points:** 12
Campus: GP **Semester:** 1

► CNP533 PROJECT MANAGEMENT LAW

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 **Semester:** 2

► CNP534 INTERNATIONAL PROJECT MANAGEMENT

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 **Semester:** 2

► CNP545 PROJECT DEVELOPMENT

Focuses on issues relating to feasibility assessment of property development opportunities and the development process. Topics covered include 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 **Semester:** 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 **Semester:** 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 **Semester:** 1

► 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: 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 **Semester:** 2

► CNP553 INFORMATION TECHNOLOGY FOR PROJECT MANAGERS

This unit will address the revolution in information technology and the widespread use of personal computers by providing 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

► 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 Central Business District (CBD), suburban commercial, residential and industrial areas.

Courses: CN64, CN77, CN81

Contact hours: 3 per week **Credit points:** 12
Incompatible with: CNP404
Campus: GP **Semester:** 2

► 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, supply and demand studies of property.

Courses: CN90, CN91, CN92 **Credit points:** 12
Campus: GP **Semester:** 1

► CNP556 PROPERTY MANAGEMENT AND CONTRACTS

This unit covers property contracts, especially leases, partial rights and purchase and sale; lease management, rent statements and accounting procedures, computer based property management programs, property type differentials and property portfolio management.

Courses: CN90, CN91, CN92 **Credit points:** 12
Campus: GP **Semester:** 1

► CNP557 PROPERTY PORTFOLIO ANALYSIS

This unit examines the performance of Australian based property portfolios. It considers the application of modern portfolio theory to property portfolios. The performance of direct and indirect property investment vehicles are analysed in relation to benchmarks and other assets classes.

Courses: CN90, CN91, CN92 **Credit points:** 12
Campus: GP **Semester:** 2

► CTB110 ACCOUNTING

Accounting data is the basis for decision making in any organisation. Accordingly, the aim of this

unit is to provide you with some basic knowledge of modern financial and managerial accounting theory and practice so that you 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: IF11

Contact hours: 3 per week **Credit points:** 12
Incompatible with: BSB110
Campus: CB **Semester:** 2

► CTB112 INTRODUCTION TO ELECTRONIC COMMERCE

This unit provides students with an introduction to electronic commerce, business and information technology systems. Relevant practical cases are used to enhance students' understanding of the computing, communications and information systems technologies underlying electronic business systems in use across the world. In addition, the unit provides students with a practical exposure to business software such as word processing, graphics, and spreadsheets and guides students in using these techniques as solutions to business information problems.

Courses: IF11

Contact hours: 3 per week **Credit points:** 12
Incompatible with: BSB112
Campus: CB **Semester:** 1

► CTB115 MANAGEMENT, PEOPLE AND ORGANISATIONS

The unit provides an introduction 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: IF11

Contact hours: 3 per week **Credit points:** 12
Incompatible with: BSB115
Campus: CB **Semester:** 1

► CTB126 MARKETING

This introductory subject examines the role and importance of marketing to the contemporary organisation. Emphasis will be 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 will explore 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 will also be canvassed.

Courses: IF11

Contact hours: 3 per week **Credit points:** 12
Incompatible with: BSB126
Campus: CB **Semester:** 2

► CTB210 INTRODUCTION TO PROGRAMMING - VISUAL BASIC

The unit provides a basic understanding of computers and develops fundamental student skills in structured program design and implementation through a widely-used commercially-orientated third generation language and development environment (Visual Basic). Introduces the concepts of Object-Oriented Design and Event-Driven programming, with an emphasis on sound programming practices, in order to develop realistic and useful business applications.

Courses: IF11

Contact hours: 3 per week **Credit points:** 12
Campus: CB **Semester:** 2

► CTB212 ELECTRONIC BUSINESS APPLICATIONS

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

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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 will be considered.

Courses: IF11 **Prerequisites:** CTB112
Contact hours: 3 per week **Credit points:** 12
Incompatible with: BSB212
Campus: CB **Semester:** 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
Incompatible with: BSB213
Campus: CB **Semester:** 2

► CTB219 APPLICATION PROGRAMMING

Extends students skills in structured program design and implementation through a widely used commercially orientated third generation language and development environment. Programming examples will be drawn from typical industry applications.

Courses: IF11 **Prerequisites:** CTB210
Campus: CB **Semester:** 1

► CTB221 COMPUTERISED ACCOUNTING SYSTEMS

This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems including 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; and 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, 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 **Semester:** 1

► CTB222 BUSINESS SYSTEMS ANALYSIS

This unit develops basic systems development skills by teaching a methodology and techniques of systems analysis and design. This unit gives an introduction to 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 **Semester:** 1

► CTB223 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 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 **Semester:** 2

► CTB225 INTRODUCTION TO DATABASES

The use of databases to store, alter and retrieve information. Introduction to SQL for update, retrieval, and database schema creation and maintenance. Database attributes including domains, primary and foreign keys, and the use of views. Update anomalies. The first three normal forms of relational database theory. Application development using a fourth generation database management system. Privacy, security and integrity.

Courses: IF11 **Prerequisites:** CTB212 or 96 credit points of approved study
Contact hours: 3 per week **Credit points:** 12
Campus: CB **Semester:** 1

► CTB334 MANAGING IN A CHANGING ENVIRONMENT

This unit provides students with the conceptual and analytic tools required for managing changing environments. The emphasis is on developing an understanding of the management competencies required for managing flexibility, managing innovation and managing for 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 **Semester:** 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, 96 credit points of approved study
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MGB335
Campus: CB **Semester:** 2

► CTB721 PRINCIPLES OF INFORMATION MANAGEMENT

To introduce concepts of management of information resources in organisational contexts. The effective management of information assets and utilisation of external information resources influences organisational performance. The various stages involved in the development of in-house information strategies, policies and systems are explored with reference to information as a resource. Approaches to the successful integration of technical and business skills for the tasks of information management are explored.

Courses: IF11 **Prerequisites:** CTB115, 96 credit points of approved study
Contact hours: 3 per week **Credit points:** 12
Campus: CB **Semester:** 2

► CTB722 WEB APPLICATIONS

This unit will provide students with the theoretical and practical skills to construct a web-enabled, interactive media database (IMD). Students will be introduced to design elements to create innovative web front ends with the associated security requirements for Internet transaction based systems. Students will learn how to build an interactive web site that accesses a database back-end, such as SQL-Server. In addition, students will 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 **Semester:** 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 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 **Semester:** 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 **Semester:** 1

► CTB751 INTRODUCTION TO NETWORK TECHNOLOGIES

An introduction to telecommunications and data communications networks with specific reference to the World Wide Web (WWW), Local Area Network (LAN)(eg Ethernet), Wide Area Network (WANs), and communication architectures (eg TCP/IP). An overview of network management and network security issues.

Courses: IF11 **Prerequisites:** CTB721
Contact hours: 3 per week **Credit points:** 12
Campus: CB **Semester:** 2

► CTB752 DATA SECURITY

Modern society demands information systems and networks which are secure. It is important that security considerations be incorporated into the design and development stage of IT systems, since it is an expensive process to retrofit security. This unit is an introduction to relevant aspects of the security of data in an IT system. The unit provides an overview of the requirements and means for the protection of information during processing, storage and transmission.

Courses: IF11 **Prerequisites:** CTB751
Campus: CB **Semester:** 2

► DBB646 SURVEYING COMPUTATIONS

The use of advanced scientific calculators and their application for geometric computations. Solution of road and area problems; missing data closes; simple curve problems. Solution of more difficult problems, including the three point problem, interrupted bases and various types of curve problems. Introduction to spherical trigonometry and the solution of spherical triangles. The use of spherical trigonometry to determine position and direction on the Earth's surface from observation to astronomical objects. Practical exercises to determine position and direction.

Courses: PS47, PS48 **Prerequisites:** PSB424
Corequisites: PSB424 **Credit points:** 12
Campus: GP **Semester:** 2

► DBB656 GLOBAL POSITIONING SYSTEMS

Concepts and theory of Global Positioning Systems including the space segment, control segment and user segment. Satellite signal structures

UNIT SYNOPSES

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. Small group practical exercises.

Courses: PS47, PS48 **Credit points:** 12
Campus: GP **Semester:** 1, 2

► DBP401 URBAN 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 **Semester:** 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 **Semester:** 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 **Semester:** 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 **Semester:** 2

► DBP405 URBAN DESIGN

Urban Design is the field that brings together the contributions of the various built environment professions toward shaping the urban form and quality of life offered by our cities and towns. This unit provides an introduction to key urban design ideas, using existing urban areas as the vehicle for analysis and understanding. Urban design is presented as a collaborative interdisciplinary activity that involves the coordinated input of a range of built environment professionals.

Courses: PS70, PS72 **Credit points:** 12
Campus: GP **Semester:** 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

Campus: GP

Credit points: 12

Semester: 1

► 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 **Semester:** 2

► DBP408 PLANNING IMPLEMENTATION AND LAW

Professional competence in planning requires a detailed understanding of the theory and implementation 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 **Semester:** 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 **Campus:** GP **Semester:** 1

► 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 **Campus:** GP **Semester:** 1

► 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 **Semester:** 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 **Semester:** 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 **Prerequisites:** DBP409
Corequisites: DBP414 **Credit points:** 12
Campus: GP **Semester:** 2

► 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 **Campus:** GP **Semester:** 2

► DBP415 PROFESSIONAL PRACTICE OR RESEARCH PROJECT

This unit will offer 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 are most appropriate in the final semester of the course, allowing 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 **Campus:** GP **Semester:** 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 **Semester:** 1, 2

► DBP417 COMPARATIVE PLANNING

This unit focuses the comparative dimension within the course by introducing 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 **Semester:** 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 **Semester:** 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

UNIT SYNOPSES

Urban and Regional Planning. The unit will normally be linked to the student/staff seminars in DBP503 Masters Seminar.

Courses: PS70

Prerequisites: DBP415

Credit points: 24

Campus: GP

Semester: 1, 2

► 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 thus 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 **Prerequisites:** DBP502, DBP414

Credit points: 12

Campus: GP

Semester: 1

► 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 critically reflect 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

► 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: ED52, ED53, ED43, ED44, ED92, ED82, IF81, IX11

Contact hours: 3 per week **Credit points:** 12

Incompatible with: EAB351, EAB364

Campus: KG

► 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 appropriate educational opportunities in early childhood settings.

Courses: ED92, ED82, ED52, ED42, IX11, IF81, IF83

Contact hours: 3 per week **Credit points:** 12

Campus: KG

► 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 individual 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

► 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, ED82, ED83, IX11

Contact hours: 3 per week **Credit points:** 12

Incompatible with: EAB413

► EAB008 EARLY CHILDHOOD LANGUAGE AND LITERACIES AND COMMUNICATION 1

This is an introductory unit in which you will examine literacies from contemporary perspectives. The focus is on young children learning literacies in family and community contexts in the years prior to formal schooling. You 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, IX11

Contact hours: 3 per week **Credit points:** 12

Campus: KG

► EAB009 EARLY CHILDHOOD LANGUAGE AND LITERACIES AND COMMUNICATION 2

In this unit a literacy as social practice approach is examined critically. You will 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

► 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

► 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 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; and 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

► 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.

Courses: ED92, ED93, ED82, ED83, ED 52, ED53, ED43, IX11

Contact hours: 3 per week **Credit points:** 12

► 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 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

► EAB021 EARLY CHILDHOOD HEALTH AND NUTRITION

There is general 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 will provide 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 will be addressed.

Courses: ED82

Contact hours: 3 per week **Credit points:** 12

Campus: KG

► EAB345 EARLY CHILDHOOD CURRICULUM: LANGUAGE EDUCATION

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.

UNIT SYNOPSES

Courses: ED43, ED44, ED52, ED53, ED57, IF81, IF83

Contact hours: 4 per week **Credit points:** 12

► **EAB346 EARLY CHILDHOOD CURRICULUM: SCIENCE, SOCIETY AND THE ENVIRONMENT**

Teacher's knowledge and understanding of science and its influences and applications; broad, multidisciplinary approaches to scientific, social and environmental issues in order to create just and sustainable futures; development of scientific knowledge and related social perspectives in programs for young children; practical activities arising from observations of children's interest and needs.

Courses: ED26, ED43, ED44, ED52, ED53, ED57, IF81, IF83

Contact hours: 4 per week **Credit points:** 12

► **EAB349 ADVANCED EARLY CHILDHOOD CURRICULUM: ARTS**

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

► **EAB350 ADVANCED EARLY CHILDHOOD CURRICULUM: LITERACY AND NUMERACY IN THE EARLY YEARS**

Observation, assessment and diagnosis of the literacy and numeracy abilities of young children in early childhood education settings; planning, implementing and evaluating programs to foster optimal development in literacy and numeracy; addressing literacy and numeracy needs of all children equitably and justly; critical examination of teaching approaches and resources in literacy and numeracy education.

Courses: ED43, ED52

Prerequisites: EAB345, EAB347

Contact hours: 4 per week **Credit points:** 12

► **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 will introduce students to 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; and ways of integrating storytelling across the curriculum.

Courses: ED43, ED47, ED52, ED91, ED82

Contact hours: 3 per week **Credit points:** 12

► **EAB362 ETHICAL RESPONSIBILITIES IN EARLY CHILDHOOD**

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

► **EAB363 CREATING CURRICULUM WITH YOUNG CHILDREN**

The concept of curriculum in early childhood education evokes much discussion and debate. In this unit more encompassing concepts of curriculum for young children will be considered in the light of theories and research which suggest that children construct their own knowledge. Ways in which teachers and children can work together in creating a curriculum that is meaningful to children while meeting the expectations of parents

and society in relation to child care, kindergarten/preschool and lower primary settings will be considered. Practical strategies for setting up supportive learning environments and methods for evaluating teaching and learning will be included.

Courses: ED43, ED52, ED91, ED82

Credit points: 12

► **EAB364 ACADEMIC AND PROFESSIONAL COMMUNICATION**

Develops 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: ED43, ED44, ED52, ED53, ED82, ED83, ED93

Contact hours: 3 per week **Credit points:** 12

► **EAB410 EARLY EDUCATION: DECIDING THE CURRICULUM**

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

► **EAB411 EARLY EDUCATION: LITERACY**

A study of current understandings about the nature of literacy, literacy development in early childhood and the ways in which this development can be fostered both within the home and at a range of educational and care settings. The broad topic areas addressed comprise language foundations, processes and patterns of development, the classroom context and program development. Students are expected to build on their preservice studies in the area of language and literacy development and learning.

Courses: ED26

Contact hours: 3 per week **Credit points:** 12

► **EAB412 ADVANCED INTEGRATED EARLY CHILDHOOD CURRICULUM**

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 justice 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

► **EAB413 MANAGEMENT OF EARLY CHILDHOOD SERVICES**

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

► **EAB414 RESEARCH IN EARLY CHILDHOOD DEVELOPMENT AND EDUCATION**

Research design and methodology; qualitative and quantitative research; ethical issues in the conduct of the research process with young children and the adults involved with them; aware-

ness and understanding of the research process from development of proposal, through conduct of some aspects of data collection and analysis to writing parts of the thesis. Introduction to and involvement in processes of self-evaluation. Students will be involved with a practising researcher who will act as mentor.

Courses: ED43, ED52

Contact hours: 4 per week **Credit points:** 12

► **EAB415 RESOURCE/SUPPORT PROGRAMS IN EARLY CHILDHOOD**

Community programs which support children and families outside the mainstream early childhood settings; visits to programs such as those for Aboriginals and Torres Strait Islanders, as well as for children and families of other cultures; awareness of effects of cultural diversity, geographical isolation, etc; establishing resource files for teaching and referral; models of parent-professional communication; evaluation of community programs; careers in early childhood services and education.

Courses: ED43, ED52

Contact hours: 4 per week **Credit points:** 12

► **EAB416 EARLY CHILDHOOD ART EDUCATION**

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

Prerequisites: EAB348

Contact hours: 4 per week **Credit points:** 12

► **EAB420 CHILDREN, TEACHERS AND THE ENVIRONMENT**

Teachers positions in relation to community concerns on socio-environmental issues; socially just and ecologically sustainable programs; environmental education; exploring a range of environmental issues and dilemmas.

Courses: ED43, ED52, ED91, ED82

Contact hours: 4 per week **Credit points:** 12

► **EAB422 INFORMATION AND COMMUNICATION TECHNOLOGIES AND THE YOUNG CHILD**

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, ED91, ED82

Contact hours: 4 per week **Credit points:** 12

► **EAB423 MUSEUMS: PLACES OF LEARNING**

Designed to assist preservice teachers understand the nature of children's, students' and visitors' experiences in out-of-school settings such as, museums, science centres, art galleries, zoos, and aquaria. Explores the nature and character of 'museum learning' and examines ways which teachers might optimise students' and children's experiences in and beyond museum settings.

Courses: ED43, ED47, ED50, ED51, ED52, ED54, ED55, ED82, ED91, IF70-79

Contact hours: 3 per week **Credit points:** 12

► **EAB440 WORKING WITH PARENTS AND COMMUNITY**

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, ED23, ED26

Contact hours: 3 per week **Credit points:** 12

► **EAB442 MOTOR AND SOCIAL DEVELOPMENT IN EARLY CHILDHOOD**

The role of observation and child study in the practice of early childhood teachers and an intro-

duction to a range of observational techniques; the phases and patterns in the development of fine and gross motor skills in the early years and the biological and environmental influences on skill acquisition; emotional development including self-regulation, temperament and attachment; societal and cultural influences on the development of self identity including self-esteem, self-efficacy, and gender identity; early relationships, social competence and prosocial behaviour; the role of play in fostering children's physical, motor and social development and the early childhood teachers' role in facilitating engagement in play.

Courses: ED57, IF81

Contact hours: 3 per week **Credit points:** 12

Incompatible with: EAB341, EAB343

► **EAB443 COGNITION AND LANGUAGE IN EARLY CHILDHOOD**

Processes and features of language, perceptual and cognitive development of children from birth to eight years; language acquisition and communication; interrelationships between language and thought; the knowledge base and perceptual and cognitive processes; analysis of observational data to plan for children linguistically, perceptually and cognitively.

Courses: ED26, ED43, ED52, ED57, IF81, IF83

Contact hours: 3 per week **Credit points:** 12

Incompatible with: EAB341, EAB342

► **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, ED43, ED44, ED52, ED53, ED57, IF81, IF83

Contact hours: 3 per week **Credit points:** 12

Incompatible with: EAB005

► **EAB445 APPLIED STUDIES OF CHILDREN IN EARLY CHILDHOOD CONTEXTS**

Synthesis of individual students 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: ED43, ED52, ED53

Prerequisites: EAB442, EAB443, EAB444

Corequisites: EAB444

Contact hours: 4 per week **Credit points:** 12

► **EAN601 EARLY CHILDHOOD TEACHERS KNOWLEDGE IN ACTION**

Critical reflection on knowledge in action as teachers work in early childhood programs; history of the development of key ideas influencing early childhood curriculum and teaching; methods for studying teachers at work in different early childhood programs; analysis of research that examines issues related to teaching in early childhood programs.

Courses: ED13, ED11 **Credit points:** 12

► **EAN602 LEADING EARLY CHILDHOOD SERVICES AND POLICIES FOR FUTURE GENERATIONS**

Analyses of the theoretical bases for inquiring into the contexts of early childhood policy and service provisions; understanding of leadership and management processes for developing and delivering responsive and instrumental early childhood services; knowledge of change theories that inform leadership and advocacy for future-oriented early childhood policies and services.

Courses: ED13, ED11

Credit points: 12

► **EAN603 DEVELOPMENT IN EARLY CHILDHOOD CONTEXTS**

Development of skills for critical evaluation of current developmental research in early childhood; knowledge of a broad range of methodological approaches for research in early childhood development in family and educational contexts; critical discussion of the findings of developmental research and the implications of this knowledge for early childhood education.

Courses: ED13, ED11

Credit points: 12

► **EAN604 YOUNG CHILDREN, FAMILIES AND COMMUNITY**

Aspects of family diversity; the interactions between young children, families and the wider social and cultural community; key issues facing families within community contexts; and the analysis of transactions involving professionals, young children, families and community.

Courses: ED13, ED11 **Credit points:** 12

► **EAN607 CONSULTATION AND TEAMWORK**

Analysis of typical professional consultancy and teamwork contexts within education and early childhood services, including contributions from other disciplines (for example medicine, psychology, therapies, social welfare, law) and agencies (for example health, community services, police); theoretical and practical understanding of intra- and interpersonal qualities which affect consultancy and teamwork; theory and application of group development processes related to effective task accomplishment. Factors impinging on the quality of interdisciplinary and interagency teamwork; strategies for reviewing and improving consultation and teamwork.

Courses: ED13, ED11 **Credit points:** 12

► **EAN608 CONSTRUCTIONS OF CHILDHOOD AND EARLY EDUCATION**

Critical analysis of the social constructions of childhood and early education across the twentieth century and how those constructions are linked to social, political and economic change. Application of a range of theoretical perspectives enables exploration and analysis of assumptions held with respect to childhood and early education; consideration of how conflicting ideas within early childhood education are understood.

Courses: ED13, ED11 **Credit points:** 12

► **EAN609 INCLUDING CHILDREN WHO HAVE DISABILITIES IN EARLY CHILDHOOD PROGRAMS**

Critical analysis of policies that impact on the provision of early childhood services for children who have disabilities; examination of the ethical and pragmatic arguments for inclusion and evaluation of the research on inclusive practices; evaluating inclusive programs and knowledge of a range of resources that support inclusion.

Courses: ED13, ED11 **Credit points:** 12

► **EAN610 EARLY CHILDHOOD LANGUAGE AND LITERACY CURRICULUM**

Effective teachers of literacy and language in early childhood settings are comfortable with using a wide range of observations and monitoring activities in order to plan appropriate learning programs for young children. Teachers also understand the theories that underpin their teaching practices and assessment processes so that they are able to integrate classroom and individual learning experiences across curriculum areas and age differences.

Courses: ED17

Contact hours: 3 per week **Credit points:** 12

► **EAN611 EARLY CHILDHOOD MATHEMATICS, SCIENCE AND TECHNOLOGY CURRICULUM**

The study of the concepts and processes that underpin the curriculum applications of mathematics, science and the use of technology in early childhood contexts. Ways in which early childhood environments can be organised to support active learning, inquiry and problem-solving to support learning of young children.

Courses: ED17

Contact hours: 3 per week **Credit points:** 12

► **EAN612 ADVANCED LITERACY AND NUMERACY IN EARLY CHILDHOOD**

Observation, assessment and the diagnosis of the literacy and numeracy abilities of young children in early childhood settings. Planning, implementing and evaluating programs to foster optimal learning and understandings in literacy and numeracy. Addressing the needs of children from all social groups and cultural backgrounds. Developing a sensitivity for the needs of all children from a variety of perspectives.

Courses: ED17

Contact hours: 3 per week **Credit points:** 12

► **EAN613 EARLY CHILDHOOD CURRICULUM PRIORITIES**

Curriculum theories and practices are examined from an early childhood education perspective. Topics include child study, working in partnership with parents, environments that teach, and maintaining a balance between concerns for content to be taught and for the quality of the learning experience. Outcomes for students include critical awareness of decision making priorities that will result in child and family responsive curriculum.

Courses: ED17

Contact hours: 3 per week **Credit points:** 12

► **EAP533 CHANGE IN CHILDREN: BIRTH TO EIGHT YEARS**

Techniques for observing and analysing child behaviour and development; major theories of child development; cognitive, language, social, physical and emotional development in children birth to age eight.

Courses: ED20, ED44, ED53 **Credit points:** 12

► **EAP534 CURRICULUM IN EARLY CHILDHOOD 1**

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 various early childhood settings; analysis of teaching strategies.

Courses: ED20, ED44, ED53

Credit points: 12 **Incompatible with:** EAP529

► **EAP535 CURRICULUM IN EARLY CHILDHOOD 2**

Planning and evaluating early childhood programs for children birth to 8 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

► **EAP536 CURRICULUM IN EARLY CHILDHOOD 3**

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 **Prerequisites:** EAP534, EAP535

Credit points: 12

► **EAP537 CONTEXTS OF EARLY CHILDHOOD EDUCATION**

Examination of the bases and scope of education in early childhood, the role of psychological theories, curriculum models, policies and programs; case studies of early childhood programs.

Courses: ED20

Credit points: 12

► **EAP538 RESEARCH IN EARLY CHILDHOOD**

Examination of the research literature in development and learning; research techniques in early childhood; and their application; application of research techniques to research proposals; experimental research in one aspect of development and learning of children aged three to eight years;

UNIT SYNOPSES

contributions to early childhood research from other fields.

Courses: ED20 **Credit points:** 12

► EAP539 TRANSACTIONS IN EARLY CHILDHOOD EDUCATION

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, ED23 **Credit points:** 12

► 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 diverse, 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

Contact hours: 4 per week **Credit points:** 12
Incompatible with: CLB305 **Campus:** KG

► EDB002 TEACHING AND LEARNING STUDIES 2: DEVELOPMENT AND LEARNING

This unit has the dual purposes of promoting your own personal and professional development as life long, creative, autonomous learners, capable of reflection and high level thinking, and of enabling you, as educators, to promote similar development in your 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 which informs educators about how learners construct knowledge and become creative, self-motivated thinkers and problem solvers.

Courses: ED90, ED91, IX01-IX09, IX12, IX14
Contact hours: 3 per week **Credit points:** 12

► EDB003 TEACHING AND LEARNING STUDIES 3: PRACTISING EDUCATION

Education is a social and cultural activity. This unit provides a sociological and cultural studies framework which 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, IX01- IX09, IX12, IX14

Contact hours: 3 per week **Credit points:** 12
Incompatible with: CLB306
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: ED51, ED55, ED90, ED91, ED92, ED93, ED82, ED83, IF70-79

Contact hours: 3 per week **Credit points:** 12
Incompatible with: MDB385, CLB341

► 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 incorporates Indigenous viewpoints on social, cultural and historical matters. This unit will begin with an analysis of your own cultural place in the Australian context, and will afterwards move 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: ED51, ED82, ED90, ED91, ED92, ED93

Contact hours: 3 per week **Credit points:** 12
Campus: KG

► EDB011 EARLY CHILDHOOD FIELD STUDIES 1: DEVELOPMENT AND LEARNING IN THE FIELD

This unit focuses on your 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, in a graduated sequence over the course of your BEd. In these you 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 will 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, IX11, ED57, ED52, ED53, ED43, ED82

Contact hours: 3 per week **Credit points:** 12
Incompatible with: EDB422

► EDB012 EARLY CHILDHOOD FIELD STUDIES 2: PRACTISING EDUCATION IN THE FIELD

This unit focuses on your professional development as an educator, 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 your BEd. In this second unit of the professional practices strand, students will focus upon program planning and implementation in settings for children in lower primary. Students will focus upon teaching in lower primary school classrooms, 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, IX11

Contact hours: 3 per week **Credit points:** 12
Incompatible with: EDB421

► 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 will be 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

► EDB021 PRIMARY FIELD STUDIES 1: DEVELOPMENT AND LEARNING IN THE FIELD

This unit focuses on your 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, in a graduated sequence over the course of your BEd. In these you 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

► EDB031 SECONDARY FIELD STUDIES 1: DEVELOPMENT AND LEARNING IN THE FIELD

This unit focuses on your 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, in a graduated sequence over the course of your BEd. In these you 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

► 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. It 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

► 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

► 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

► 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

► 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. Includes the development of skills in understanding, appreciating, and using the pro-

esses and techniques of research. Students will be made aware of the variety of research cultures and theoretical perspectives, and to be informed consumers of the research findings of others.

Courses: ED50, ED51, ED52 **Credit points:** 12

► **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

► **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. Twenty days of practicum.

Courses: ED43, ED52, ED57, IF81, IF83

Contact hours: 2.5 per week **Credit points:** 12
Incompatible with: PRB351

► **EDB421 EARLY CHILDHOOD PROFESSIONAL PRACTICE: LOWER PRIMARY**

Development of planning and teaching strategies, with particular focus upon children aged five to eight years; planning from observations; discourse practices and classroom management; working in groups; policies, syllabi and resources in curriculum generation and provision; hand-writing; twenty days in lower primary classrooms.

Courses: ED52, ED53, ED57, IF81, IF83

Contact hours: 2.5 per week **Credit points:** 12
Incompatible with: PRB352, PRB340

► **EDB423 EARLY CHILDHOOD PROFESSIONAL PRACTICE: CHOICE**

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; 20 days of supervised practice in an early childhood setting of the student choice.

Courses: ED43, ED52, ED53, ED57, IF81, IF83

Prerequisites: PRB422, PRB423, PRB424
Contact hours: 2.5 per week **Credit points:** 12
Incompatible with: PRB354

► **EDB430 PRIMARY PROFESSIONAL PRACTICE 1: CLASSROOM MANAGEMENT**

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. It provides an opportunity for approaches, strategies and skills associated with the teachers role to be introduced and applied with classroom management. Includes 10 single days in a primary school.

Courses: ED51, ED56, IF82, IF84

Contact hours: 2 per week, 10 days school placement
Credit points: 12

► **EDB431 PRIMARY PROFESSIONAL PRACTICE 2: CURRICULUM DECISION MAKING**

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. Includes 20 days of practice teaching in a primary school.

Courses: ED51, ED56, IF82, IF84

Prerequisites: EDB430

Contact hours: 2 per week, 20 days school placement
Credit points: 12

► **EDB432 PRIMARY PROFESSIONAL PRACTICE 3: INCLUSIVE CURRICULUM**

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 will be done with the support of practising teachers, and critical self-analysis of classroom practices and possibilities. Includes 20 days of practice teaching in a primary school.

Courses: ED51, ED56, IF82, IF84

Prerequisites: EDB431

Contact hours: 2 per week, 20 days school placement
Credit points: 12

► **EDB433 PRIMARY PROFESSIONAL PRACTICE 4: BEGINNING TEACHING**

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. Includes 30 days of practice teaching in a primary school.

Courses: ED51, ED56, IF82, IF84

Prerequisites: EDB432

Contact hours: 30 days school placement
Credit points: 12 **Campus:** KG

► **EDB440 INDEPENDENT STUDY**

Self-initiated and self-directed academic study in an area of educational management interest which 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: ED23, ED26, ED47, ED50, ED51, ED52, ED54, ED55, ED61, IF70-79

Credit points: 12

► **EDB442 INTEGRATED PROFESSIONAL STUDIES**

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

► **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. Includes 30 days of Associate Teaching in a school.

Courses: ED50-52, ED55, IF70-79

Prerequisites: Successful completion of all professional practice units and coursework; GPA: 5.0 or above

Contact hours: 1 per week, school internship placement (6+ weeks)

Credit points: 12

► **EDB450 SECONDARY PROFESSIONAL PRACTICE 1: CLASSROOM MANAGEMENT**

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. Includes 10 single days in a school.

Courses: ED50, ED55, IF70-79

Contact hours: 3 per week **Credit points:** 12

► **EDB451 SECONDARY PROFESSIONAL PRACTICE 2: CURRICULUM DECISION MAKING**

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. Includes 20 days practice teaching in a secondary school.

Courses: ED50, ED55, IF70-79

Prerequisites: EDB450

Contact hours: 2 per week, 20 days school placement
Credit points: 12

► **EDB452 SECONDARY PROFESSIONAL PRACTICE 3: THE INCLUSIVE CURRICULUM**

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. Includes 20 days of practice teaching in a secondary school.

Courses: ED50, ED55, IF70-79

Prerequisites: EDB451

Contact hours: 2 per week, 20 days school placement
Credit points: 12

► **EDB453 SECONDARY PROFESSIONAL PRACTICE 4: THE BEGINNING TEACHER**

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. Includes 30 days of practice teaching in a secondary school.

Courses: ED50, ED55, IF70-79

Prerequisites: EDB452

Credit points: 12

► **EDN602 ADVANCED SEMINARS**

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: ED13, ED11, ED61

Credit points: 12

► **EDN603 INDEPENDENT STUDY**

Allows individual students to follow their own particular needs/interests and/or to take advantage of specialised lecturer expertise through working autonomously on relevant topics of interest under the supervision of individual lecturers.

Courses: ED13, ED14, ED11, ED61, ED77

Credit points: 12

► **EDN608 PROJECT**

A minor research project that provides students with an opportunity to extend, synthesise and analyse knowledge from core and elective units through, for example, a critical literature review, the development of appropriate educational resources, or a project of change in their workplace.

UNIT SYNOPSES

Courses: ED13, ED14, ED61, ED77

Prerequisites: EDN611

Credit points: 24

► EDN611 UNDERSTANDING EDUCATIONAL RESEARCH

The foundation unit for studying research methods in education. It focuses on reading, understanding and evaluating educational research both within and across different paradigms used in educational research.

Courses: ED13, ED11, ED61

Credit points: 12

► EDN612 CONDUCTING EDUCATIONAL RESEARCH

Building on the understandings developed in EDN611, this unit focuses on developing the skills and knowledge necessary to design and conduct educational research. Structured to enable students to pursue in-depth studies in selected designs and methods with a view to producing an initial research proposal.

Courses: ED13, ED11, ED12

Prerequisites: EDN611 or equivalent

Credit points: 12

► EDN620 DISSERTATION

Designed to enable students to develop their research potential through following up a research design developed in the unit Advanced Research, to produce a significant piece of written research in the form of a dissertation.

Courses: ED13

Prerequisites: EDN611, EDN612

Credit points: 36

► EDN621 PROFESSIONAL PRACTICE 1: LEARNERS AND TEACHERS IN CONTEXT

Integration of knowledge of learning, development and contexts, with knowledge of the curriculum, in order to plan and implement learning episodes that are responsive to the needs of individual learners. The central role of communication in successful implementation of planned learning activities will be explored. A practicum (5 single days and 10 days block) in the Area of Specialisation (Early Childhood, Primary, Secondary) will provide first hand experience of the curriculum and of specific teaching and learning contexts.

Courses: ED17, ED18, ED19

Contact hours: 3 per week **Credit points:** 12

► EDN622 PROFESSIONAL PRACTICE 2: CLASSROOM MANAGEMENT AND INTRODUCTION TO PROFESSIONAL PRACTICE

This unit builds on the first Professional Practice unit. It affords an opportunity for approaches, strategies and skills associated with the practising teacher's role to be introduced and applied within the ambit of classroom management with reference to the concepts of the teacher as communicator, planner, manager and facilitator of learning. In both campus-based and field-based components, the principle of reflective action is paramount in the unit. Includes 25 days of practice teaching.

Courses: ED17, ED18, ED19

Prerequisites: EDN621

Contact hours: 3 per week **Credit points:** 12

► EDN623 PROFESSIONAL PRACTICE 3: CHANGE, DIFFERENCE AND INCLUSIVITY

This unit will critically consider both the constraining and enabling factors impacting on the conceptualisation and implementation of change processes with respect to inclusive curriculum and practices. This will be done through a practicum using a number of learning modes including literature reviews, presentation of current research in the field and critical analysis of research findings in order to enhance existing practices, case studies and, with the support of practising teachers, critical reflections upon classroom practices and possibilities. Includes 20 days of practice teaching.

Courses: ED17, ED18, ED19

Prerequisites: EDN622

Contact hours: 3 per week **Credit points:** 12

► EDN624 PROFESSIONAL PRACTICE 4: CURRICULUM DECISION MAKING AND CURRICULUM LEADERSHIP

The development, planning and evaluation of curricula takes place within a variety of teaching and learning contexts and with learners that are culturally, socially and materially positioned in learning that requires a responsiveness to difference. Responsive and inclusive curriculum decision making and curriculum leadership must integrate current policy initiatives, curriculum theorising of one's emerging curriculum practices and a sound understanding of the changing nature of teacher's work. This unit will emphasise the complexities of planning, implementing and monitoring of integrated programs of learning generated by cooperative decision making specific to local sites and the needs of learners within particular educational contexts.

Courses: ED17, ED18, ED19

Contact hours: 3 per week **Credit points:** 12

► EDN625 PROFESSIONAL INTERNSHIP AND MINI CONFERENCE

This unit is a six week school-based professional development program designed to prepare students about to graduate for the exigencies of beginning teaching by offering them opportunities to practise over an extended period of time as if they were beginning teachers; support and guidance are provided by experienced mentor teachers in collaboration with university advisers. The unit will conclude with an intensive mini-conference.

Courses: ED17, ED18, ED19

Prerequisites: EDN624

Contact hours: 3 per week **Credit points:** 12

► EDN626 LEARNING AND TEACHING IN HIGHER EDUCATION

Focuses on theories of teaching and learning as they have evolved to the present day. It encourages a critical approach to pedagogical/andragogical theories.

Courses: ED13, ED61

Credit points: 12

► EDN627 CONTEXTS AND ISSUES IN HIGHER EDUCATION

Explores the context that affords and constrains teaching and learning in higher education. It is important for graduates of a course in higher education that they understand the dynamics of the sector in which they work and can analyse their own practice as teachers in the broader context of the political, social, cultural, organisational and economic issues which have affected post-compulsory education at international, national and institutional levels.

Courses: ED13, ED61

Credit points: 12

► EDN628 POSTGRADUATE RESEARCH SUPERVISION

This unit is designed to enhance new and experienced supervisors' knowledge of different approaches to supervision, the teaching and learning processes involved in effective supervision, the generic skills research graduates need to develop during their candidature, and the policy context within which supervisors operate in your universities and within the global higher education sector.

Courses: ED13, ED61

Credit points: 12

► EDN629 PRESENTATION AND DELIVERY MODES IN HIGHER EDUCATION

Teachers in higher education need a range of presentation approaches appropriate to the needs of their various student groups, and the learning styles of individual students. This unit aims to hone your skills in presentation and delivery, and allow you to critically appraise the values and theoretical frameworks which underpin each mode of delivery, and the effectiveness of various modes as revealed through research and practice.

Courses: ED13, ED61

Credit points: 12

► EDN630 HIGHER EDUCATION: CURRICULUM DESIGN, ASSESSMENT AND EVALUATION

This unit will introduce participants to key concepts underpinning contemporary curriculum design, development, assessment and evaluation

in rapidly changing higher education contexts. Students will be required to critique, reconstruct and theorise curriculum thinking and practices in specific contexts at the levels of design, development, assessment and evaluation.

Courses: ED13, ED61

Credit points: 12

► EDP508 PRACTICUM IN EARLY CHILDHOOD 1

Observation; design, 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. Includes ten continuous days of practicum.

Courses: ED20

Prerequisites: EAP533

Corequisites: EAP534, EAP535

Credit points: 6

► EDP509 PRACTICUM IN EARLY CHILDHOOD 2

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. Includes 10 days of practicum.

Courses: ED20

Prerequisites: EDP508

Credit points: 6

► EDR702 THESIS (1-9)

Provides students with an opportunity to extend and synthesise knowledge from the coursework section; allows the coursework to be applied as it may be used in future work situations; provides a means of extending the skills and understandings gained from formal units to investigate in-depth some aspects of the student's professional practice. Focuses on the extension of acquired knowledge to increase the understanding and competence of skilled professional educators; facilitates the application of innovative research but grows out of the professional coursework. All candidates will proceed through the three required thesis steps. Namely, Step A: Thesis Preparation; Step B: Thesis Confirmation of Candidature; and Step C: Thesis Implementation.

Courses: ED11

Prerequisites: EDR703

Credit points: 216 (24 each)

► EDR703 INTERDISCIPLINARY EDUCATION STUDIES (ADVANCED SEMINARS)

A reading and seminar program that aims to broaden and deepen the student's initial perspective to include elements derived from theoretical perspectives drawn from a number of disciplines; seeks to provide a context of learning for educators who seek the personal and professional benefits that the broadening and deepening of their professional knowledge affords.

Courses: ED11

Credit points: 24

► EDR704 THESIS (1-9)

Provides students with an opportunity to extend and synthesise knowledge from the coursework section; allows the coursework to be applied as it may be used in future work situations; provides a means of extending the skills and understandings gained from formal units to investigate in depth some aspects of the student's professional practice. Focuses on the extension of acquired knowledge to increase the understanding and competence of skilled professional educators; facilitates the application of innovative research but grows out of the professional coursework. All candidates will proceed through the three required thesis steps. Namely, Step A: Thesis Preparation; Step B: Thesis Confirmation of Candidature; and Step A: Thesis Implementation.

Courses: ED11

Prerequisites: EDR703

Credit points: 108 (12 each)

► 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

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computers and programming, techniques for writing correct and efficient programs.

Courses: EE41, EE42, EE48, IF21, IF28, IF59
Contact hours: 5 per week **Credit points:** 12
Semester: 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. It 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 **Semester:** 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 **Semester:** 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 **Semester:** 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 and applications.

Courses: ME36, ME41, ME42, ME48, IF57
Prerequisites: EEB112
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **EEB311 ELECTRICAL MEASUREMENT AND MACHINES**

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 **Semester:** 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 **Semester:** 1

► **EEB340 INTRODUCTION TO TELECOMMUNICATIONS**

Telecommunications systems and the principles underlying their operations are introduced 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 **Semester:** 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 **Semester:** 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 good grounding in the basic 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 **Semester:** 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, life support and flight data recorders to name a few. 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 which is one of the primary sub-systems. 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 **Semester:** 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 criterion 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 **Semester:** 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 **Semester:** 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 are developed. Students will also study the theory and design of advanced embedded digital systems and practical implementation. The practical application of these circuits including interfacing and environment factors will be considered.

Courses: EE41, EE46 **Prerequisites:** EEB412
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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. As second module, 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 **Semester:** 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 **Semester:** 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 **Semester:** 1

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► 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 **Semester:** 1

► EEB584 INTRODUCTION TO DESIGN

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, in report writing, and 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 **Semester:** 1

► EEB585 AEROSPACE SYSTEMS DESIGN

This is the first of three aerospace engineering design units for the course. Aerospace design is always carried out in teams and the design is done according to a strict industry-standard systems engineering methodology. In this unit the students will be taught the design methodology itself and will work as a team in order to undertake preliminary design work such as a feasibility study. The design exercise may be associated with one of the school's aerospace projects. Students are expected to participate in review presentations and to prepare formal design reports.

Courses: EE48

Contact hours: 1 per week **Credit points:** 12
Campus: GP **Semester:** 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, with examples and applications arising from various disciplines, so as 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 **Semester:** 2

► EEB641 FIELDS TRANSMISSION AND PROPAGATION

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 **Semester:** 1, 2

► EEB650 POWER SYSTEMS ANALYSIS

Power system economics: costs of losses, tariffs, plant selection. The National Electricity Market. Power flow calculation algorithms. Protection systems: transformer protection motor protection, feeder protection. setting of IDMT relays. Qual-

ity 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 **Semester:** 2

► EEB666 COMMUNICATION ENVIRONMENTS FOR EMBEDDED SYSTEMS

Power system economics: costs of losses, tariffs, plant selection. The National Electricity Market. 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: EE46

Prerequisites: EEB412, ITB421, EEB566

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► EEB684 ADVANCED DESIGN

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 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 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 **Semester:** 2

► EEB685 ADVANCED AEROSPACE DESIGN

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. The student is required to write a detailed technical report and also give an oral presentation on her/his design.

Courses: EE48

Prerequisites: EEB585

Contact hours: 1 per week **Credit points:** 12
Campus: GP **Semester:** 2

► EEB686 INDUSTRY PRACTICE

Industry Practice provides high achieving students 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 teaching period of semester 2.

Courses: EE41, EE42

Prerequisites: Completion of the first two years of the full-time course

Contact hours: 1 per week **Credit points:** 24
Campus: GP **Semester:** 2

► EEB732 SPACE TECHNOLOGY

General introduction to space technology. 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 **Semester:** 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 **Semester:** 1

► EEB766 COMMUNICATION TECHNOLOGIES

The unit covers various communication and signal processing technologies that are used in 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 IEEE802.11 standard.

Courses: EE47

Prerequisites: EEB560

Contact hours: 4 per week **Credit points:** 12

► EEB781 PROFESSIONAL STUDIES 2

There should be adequate skills for young professional engineers to start or be an active partner in a small business. Personnel management skills are developed including assertion training, interpersonal relationships, organisational change, professional ethics and negotiation. The unit covers the basics of accounting practice, types of companies, marketing principles, 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 **Semester:** 1

► EEB782 AEROSPACE PROJECT

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

Prerequisites: Completion of the first three years of the course

Contact hours: 1 per week **Credit points:** 24
Campus: GP **Semester:** 1, 2

► EEB831 MILITARY COMBAT ELECTRONICS

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/Transponders, Command and Control, Magnetic Anomaly Detection, Tactical Navigation Systems, Infra Red. Some ethical, social and moral aspects concerning military systems will be discussed.

Courses: EE48

Prerequisites: EEB435, EEB560, EEB640, EEB641

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **EEB833 SPACECRAFT GUIDANCE AND NAVIGATION**

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 **Semester:** 2

► **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 enables 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 a mandatory requirement. 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 **Semester:** 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 communication 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
Prerequisites: Completion of 3 years full-time study

Credit points: 36
Campus: GP **Semester:** 1, 2

► **EEB889 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 which involves 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

Prerequisites: Completion of the first three years of the course.

Contact hours: 1 per week **Credit points:** 24
Campus: GP **Semester:** 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**

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 **Semester:** 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
Semester: 1

► **EEB960 WIRELESS COMMUNICATIONS**

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 **Semester:** 2

► **EEB961 RF AND APPLIED ELECTROMAGNETICS**

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: EEB641

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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, UPS's, 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 **Semester:** 2

► **EEB992 VLSI CIRCUITS AND SYSTEMS**

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. Major design project.

Courses: EE41, EE45, EE48, IF21, IF28, IF59
Prerequisites: EEB412

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **EET101 ALGORITHMS FOR CONTROL AND ENGINEERING**

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 **Semester:** 1

► **EET102 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 is 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 **Semester:** 1

► **EET103 COMPUTER HARDWARE AND INTERFACING**

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 **Semester:** 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; 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 **Semester:** 2

► **EEP120 NETWORKS AND DISTRIBUTED COMPUTING**

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 **Semester:** 2

► **EEP123 PROCESS CONTROL AND ROBOTICS**

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 **Semester:** 2

► **EEP124 DATA COMMUNICATIONS**

This unit will provide an in-depth knowledge of 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 **Semester:** 1

► **EEP126 COMMUNICATIONS DIGITAL SIGNAL PROCESSING**

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 **Semester:** 1

► **EEP128 DETECTION AND ESTIMATION**

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; and image representation by stochastic models.

Courses: EE61, EE67, EE74, EE77

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 2

► **EEP135 DIGITAL SIGNAL PROCESSING AND APPLICATIONS**

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 nonlinear 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 **Semester:** 2

► **EEP201 FUNDAMENTALS OF POWER SYSTEM EARTHING**

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 hours short course/distance education
Credit points: 4 **Campus:** GP

► **EEP202 THERMAL RATINGS AND HEAT TRANSFER**

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 hours short course/distance education
Credit points: 4 **Campus:** GP, EXT

► **EEP203 TESTING AND CONDITION MONITORING**

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 hours short course/distance education
Credit points: 4 **Campus:** GP

► **EEP204 POWER SYSTEM LOAD FLOW ANALYSIS**

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 contin-

gency 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.

Courses: EE60, EE78, EE82

Contact hours: 15 hours short course/distance education
Credit points: 4 **Campus:** GP, EXT

► **EEP205 POWER SYSTEM FAULT CALCULATIONS**

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 hours short course/distance education
Credit points: 4 **Campus:** GP

► **EEP206 PROJECT MANAGEMENT**

Principles of project management and the operation of project management packages. Emphasis 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, project monitoring and reporting.

Courses: EE60, EE78, EE82

Contact hours: 15 hours short course/distance education
Credit points: 4 **Campus:** GP

► **EEP207 OVERHEAD LINE ROUTE SELECTION - ENVIRONMENTAL FACTORS**

Overview of legislation, standards and guides: radio interference, electromagnetic fields, low frequency induction, touch potentials, structure earthing, electrolytic corrosion, clearances, land legislation, environmental impact statements. Current safety and environmental issues. Requirements of other public utilities - telcos, railways, roadworks, marine, water, gas, oil. Cost of environmental enhancements and alternative technologies. Right of way. Route selection principles: structure types, terrain shielding, identification of natural and man-made features.

Courses: EE60, EE78, EE82

Contact hours: 15 hours short course/distance education
Credit points: 4 **Campus:** GP

► **EEP208 ECONOMIC ANALYSIS FOR POWER SYSTEM ENGINEERS**

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. Budgeting and cost control, budget preparation with spreadsheets, cash flows, monitoring expenditure and budget review, profit and loss and balance sheets. Risk analysis including WACC calculations.

Courses: EE60, EE78, EE82

Contact hours: 15 hours short course/distance education
Credit points: 4 **Campus:** GP, EXT

► **EEP209 POWER SYSTEM HARMONICS**

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 hours short course/distance education

Credit points: 4 **Campus:** GP, EXT

► **EEP210 ABNORMAL SYSTEM VOLTAGES**

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 hours short course/distance education

Credit points: 4 **Campus:** GP, EXT

► **EEP211 BASIC POWER SYSTEM PROTECTION**

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 hours short course/distance education

Credit points: 4 **Campus:** GP, EXT

► **EEP212 ADVANCED POWER SYSTEM PROTECTION**

High impedance protection of power system plant including CT requirements and use of shunt and series resistors, nonlinear resistors, check schemes, back-up schemes, 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 hours short course/distance education

Credit points: 4 **Campus:** GP, EXT

► **EEP213 STATISTICS**

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 hours short course/distance education

Credit points: 4 **Campus:** GP, EXT

► **EEP214 RISK ASSESSMENT IN THE ELECTRICITY SUPPLY INDUSTRY**

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 hours short course/distance education

Credit points: 4 **Campus:** GP, EXT

► **EEP215 RELIABILITY**

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, inclusion of cost est. Reliability assess. in sub-transmission system planning, inc 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. Max load at risk. Av outage duration. Hours of loss o

Courses: EE60, EE78, EE82

Prerequisites: EEP213

Contact hours: 15 hours short course/distance education

Credit points: 4 **Campus:** GP, EXT

► **EEP216 OVERHEAD LINE DESIGN - ELECTRICAL**

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 hours short course/distance education

Credit points: 4 **Campus:** GP

► **EEP217 OVERHEAD LINE DESIGN - MECHANICAL**

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 hours short course/distance education

Credit points: 4 **Campus:** GP

► **EEP218 INTRODUCTION TO AUTOMATED SYSTEM CONTROL AND SUPERVISORY SYSTEMS**

SCADA fundamentals and protocols; SCADA equipment: master station, remote terminal units; transmission SCADA systems, distribution automation systems, distribution control systems, PC software apps; 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 reqs; computer system platforms: computer technology, computer hardware; communication system principles, communications bearer, data networks and protocols; data comms and I/O capacities and types, I/O processing; appn of SCADA systems to transmission and distribution systems; cost/benefits of alternative schemes.

Courses: EE60, EE78, EE82

Contact hours: 15 hours short course/distance education

Credit points: 4 **Campus:** GP

► **EEP219 HIGH VOLTAGE SUBSTATION EQUIPMENT: POWER TRANSFORMERS AND REACTIVE POWER PLANT**

Principles of transformer design - distribution transformers to EHV transformers: ratings/windings/core structure and 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 hours short course/distance education

Credit points: 4 **Campus:** GP

► **EEP220 DISTRIBUTION PLANNING**

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 reinforcement options on a simulation package. Options include 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 hours short course/distance education

Credit points: 4 **Campus:** GP

► **EEP221 LIMITS TO POWER SYSTEM STABILITY**

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.

UNIT SYNOPSES

Courses: EE60, EE78, EE82

Prerequisites: EEP214, EEP215

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP

► **EEP222 MAINTENANCE OF ELECTRICITY SUPPLY SYSTEMS**

Establishment of maintenance policies: review of failure rates, emergency spares, identify maintenance liabilities and critical success factors; dissemination of policy. Maintenance planning: identify constraints, review of existing maintenance programs, establishment of plans for periodic actions, documentation of procedures; data recording and analysis: registers 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 hours short course/distance education

Credit points: 4

Campus: GP

► **EEP223 LOAD FORECASTING**

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 hours short course/distance education

Credit points: 4

Campus: GP

► **EEP224 POWER SYSTEM OPERATION**

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; establish optimum operating costs; mgmt of forced outages: mgmt of resources to restore system to normal in min time, abnormality control to prevent plant damage and maintain safety, logging and reporting of forced outages; coordination of planned outages inc assessment of risks and contingency planning; control of reactive power and voltage levels under normal and abnormal conditions; load reduction - instantaneous, delayed and planned; maintain consumer services and records.

Courses: EE60, EE78, EE82

Prerequisites: EEP202, EEP212, EEP214, EEP221, EEP223

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP

► **EEP230 THESIS A**

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 a 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 hours short course/distance education

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 hours short course/distance education

Credit points: 12

Campus: GP

► **EEP240 ORGANISATION AND FINANCIAL MANAGEMENT IN THE ELECTRICITY SUPPLY INDUSTRY**

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 hours short course/distance education

Credit points: 4

Campus: GP

► **EEP241 DISTANCE PROTECTION**

Current transformers: transient performance, saturation factors, effects on relay performance. Voltage transformers: transient performance. Distance protection: relay selection, characteristics - relay comparator operation, implement non-switched distance protection schemes, implement 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 hours short course/distance education

Campus: GP, EXT

► **EEP242 EFFICIENT MARKETING AND UTILISATION OF ELECTRICITY: DEMAND AND SUPPLY SIDE SOLUTIONS**

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 hours short course/distance education

Credit points: 4

Campus: GP

► **EEP243 CONTRACT ADMINISTRATION**

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. Tender negotiation practice. Evaluation of tenders: tender adjustments; determination of the lowest price; tender acceptance; contract correspondence; drawings - standards, 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 hours short course/distance education

Credit points: 4

Campus: GP

► **EEP244 CIRCUIT BREAKERS - SWITCHGEAR**

SF6, Vacuum, GIS, minimum oil, 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 hours short course/distance education

Credit points: 4

Campus: GP

► **EEP245 INTRODUCTION TO SUBSTATION DESIGN**

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 operatic 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 hours short course/distance education

Credit points: 4

Campus: GP

► **EEP246 CUSTOMER METERING**

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 - Aust. and international.

Courses: EE60, EE78, EE82

Contact hours: 15 hours short course/distance education

Credit points: 4

Campus: GP

► **EEP248 INTRODUCTION TO ELECTRICITY MARKETS**

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 hours short course/distance education

Credit points: 4

Campus: GP

UNIT SYNOPSES

► 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, IF62, IF72

Prerequisites: EFB202

Contact hours: 3 per week **Credit points:** 12

Incompatible with: EFB215

Campus: GP

Semester: 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, IF26, IF28, IF30, IF41, IF47, IF48, IF60, IF62

Prerequisites: EFB202

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 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, IF26, IF28, IF30, IF41, IF47, IF48, IF60, IF61

Prerequisites: EFB211

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 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, IF26, IF30, IF41, IF47, IF48, IF60

Prerequisites: EFB210

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 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. It 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, IF62

Prerequisites: EFB200

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 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, IF26, IF28, IF30, IF41, IF47, IF48, IF60, IF62

Prerequisites: EFB211

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 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: BS70, BS94, IF64

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 1

► EFN405 MANAGERIAL ECONOMICS

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 the economy.

Courses: BS39, BS89, BS96, BS98

Contact hours: 3 per week **Credit points:** 12

Incompatible with: EPN102, GSN203, GSN411, GSN414

Campus: GP

Semester: 1

► EFN406 MANAGERIAL FINANCE

Introduction to the world of finance and financial management. Topics include: 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; and options.

Courses: BS39, BS89, BS91, BS96, BS98, IF64

Contact hours: 3 per week **Credit points:** 12

Incompatible with: FNN102, GSN413, GSN423

Campus: GP

Semester: 1, 2

► EFN410 ECONOMIC AND FINANCIAL MODELLING

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, GS41, GS48, GS85, GS86

Prerequisites: EFN412

Contact hours: 3 per week **Credit points:** 12

Incompatible with: AYN419, EFN503, FNN103

Campus: GP

Semester: 2

► EFN412 ADVANCED MANAGERIAL FINANCE

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, fi-

nancing 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, BS91, BS96, BS98, GS40, GS41, GS48, GS85, GS86

Prerequisites: EFN406

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 1

► EFN413 SECURITIES LAW

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 are examined.

Courses: BS39, BS91, BS96, BS98

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 2

► EFN414 INTERNATIONAL FINANCE

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, BS91, BS96, BS98, GS40, GS41, GS85, GS86

Prerequisites: EFN406

Contact hours: 3 per week **Credit points:** 12

Incompatible with: EFB312, EFN417

Campus: GP

Semester: 2

► EFN415 SECURITY ANALYSIS

A one-semester unit dealing with security analysis and portfolio management. The unit is both practical and theoretical. Topics covered include: 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 you 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, BS91, BS96, BS98, GS40, GS41, GS48, GS85, GS86

Prerequisites: EFN406

Contact hours: 3 per week **Credit points:** 12

Incompatible with: EFB318, EFN408

Campus: GP

Semester: 2

► EFN416 TREASURY AND PORTFOLIO MANAGEMENT

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, GS41, GS48, GS85, GS86

Prerequisites: EFN406

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 1

► EFN417 AN INTRODUCTION TO INTERNATIONAL FINANCE

This unit provides an introduction to international financial issues involved in managing the multinational corporation's (IMC) finance functions. Material covered includes: the theories and empirical evidence that are necessary for the sound understanding of MNC's international financial

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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: BS63, BS93, GS40, GS41, GS48, GS85, GS86
Contact hours: 3 per week **Credit points:** 12
Incompatible with: EFN414
Campus: GP **Semester:** 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: IF88
Prerequisites: PUN008 or BSB113 or equivalent
Credit points: 12
Incompatible with: EFN406 or GSN413
Campus: EXT **Semester:** 1

► EFN500 CONTEMPORARY MACROECONOMIC THEORIES

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: 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 in different countries are highlighted.

Courses: GS40, GS41, GS48, GS85, GS86
Contact hours: 3 per week **Credit points:** 12
Incompatible with: EPN111
Campus: GP **Semester:** 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: BS70, BS94, GS80, IF64
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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: BS63, BS70, BS92, BS94, GS40, GS41, GS48, GS85, GS86, IF64
Contact hours: 3 per week **Credit points:** 12
Incompatible with: EPN108
Campus: GP **Semester:** 1

► EFN504 FINANCE HONOURS

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; capital markets, investment decisions, market equilibrium, the capital asset pricing model, arbitrage pricing theory, capital structure, dividend policy, efficient capital markets; provides a theoretical basis allowing for evaluating policy problems in

the area of financial management, a prerequisite for further specialisation in this area.

Courses: BS63, BS70, BS92, BS94
Contact hours: 3 per week **Credit points:** 12
Incompatible with: FNN101
Campus: GP **Semester:** 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 will be 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 will also emphasise 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, BS63, BS70, BS91, BS92, BS94, BS98, IF64
Prerequisites: EFN415 or equivalent
Contact hours: 3 per week **Credit points:** 12
Incompatible with: FNN104
Campus: GP **Semester:** 1

► EFN506 ADVANCED INTERNATIONAL FINANCE

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: BS70, BS94, GS40, GS41, GS48, GS85, GS86, IF64
Prerequisites: EFN414
Contact hours: 3 per week **Credit points:** 12
Incompatible with: FNN105
Campus: GP

► EFN507 ADVANCED CAPITAL BUDGETING

Topics include: 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, BS70, BS91, BS94, BS98, IF64
Prerequisites: EFN412, EFN406
Contact hours: 3 per week **Credit points:** 12
Incompatible with: EFN400, FNN100
Campus: GP **Semester:** 2

► GSN111 APPLIED RESEARCH PROJECT C

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 24 credit points project should spend approximately 25 hours per week on the project. If group projects are undertaken, the allocated research tasks for each member will require 25 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: Not on offer to MBA students.
Prerequisites: 48 credit points, Unit Coordinator approval, GPA greater than 5.5, plus BSN502 or BSN507 or BSN412 or prior research experience.
Contact hours: 3 per week **Credit points:** 24
Campus: GP **Semester:** 3

► GSN207 ORGANISATIONAL ANALYSIS AND CONSULTING

The ability to analyse organisations and organisational functioning is critical to management effectiveness. It is important to be able to gather data about an organisation and its performance in order to better understand it and, where needed, to recommend and guide the implementation of change. Various theoretical models of organisation and organisational analysis, including action research models, are explored. This unit helps students to understand the role of the 'change agent' and equips them to perform the role of internal and/or external consultant from initial contact with the client/organisation through to completion, including proposal and report writing.

Courses: GS40, GS41, GS48, GS97
Prerequisites: 48 credit points from the core
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► GSN223 APPLIED RESEARCH PROJECT B

These projects enable students to undertake applied research where the emphasis is upon linking between theory and practice. Students should seek advice from the Research Coordinator regarding their topic. Students undertaking the 12 credit point project should spend approximately 12 hours per week on the project. If group projects are undertaken, the allocated research tasks for each member will require 12 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: GS40, GS41, GS48, GS97
Prerequisites: 48 credit points, Unit Coordinator approval, GPA greater than 5.5, plus BSN502 or BSN507 or BSN412 or prior research experience.
Credit points: 12
Campus: GP **Semester:** 1, 2, 3

► 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: legal 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, BS95, GS40, GS41, GS34, GS48, GS50, GS85, GS86, GS93, GS97
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 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, and financial plans for a selected creative industries venture. Students will build the components of a business model for their selected creative concept and will write a formal business plan for that concept/product. Students will examine and critique the business models of a variety of existing businesses in the creative industries during the semester.

Courses: BS39, BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97, IF02, IF04
Corequisites: GSN401, GSN408
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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

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and contemporary policy issues and strategies in the non-profit sector.

Courses: BS39, BS47, BS63, BS91, BS92, BS93, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97, IF02, IF04
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MKP108, MIN400
Campus: GP **Semester:** 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, BS63, BS91, BS92, BS93, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97, IF02, IF03, IF04
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MKP109, MIN430
Campus: GP **Semester:** 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, BS95, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF02, IF03, IF04
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MKP107, MIN415
Campus: GP **Semester:** 1

► GSN232 FUNDRAISING PRINCIPLES

This unit applies the theories of marketing, consumer behaviour and management to the practices of fundraising and philanthropy. In this context it re-examines the principles of fundraising, case statement preparation, researching and establishing prospect bases, procedures of solicitation, public relations and relationship building, fundraising in society, the role of Boards, Foundations and volunteers, fundraising campaigns, and evaluation methods for fundraising.

Courses: BS39, BS47, BS91, BS93, BS95, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► GSN233 SPECIAL TOPIC IN PHILANTHROPY AND NONPROFIT STUDIES

This unit will be 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, BS95, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 practice in the global environment.

Courses: BS47, BS91, GS40, GS42, GS43, GS44, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF01, IF02, IF03, IF04, IF13, IF15, IF98, IF99
Contact hours: 3 per week **Credit points:** 6

Incompatible with: GSN204, MGN409

Campus: GP **Semester:** 1, 2, 3

► GSN402 STRATEGIC USE OF INFORMATION TECHNOLOGY

This unit discusses the impact of the digital era on business strategy, emphasising the importance of the information sector of the economy, the growth of electronic commerce, and the displacement effects of technology to the global business environment. The convergence of communication technology and information technology (eg Internet) is an important force which managers need to understand. The business implications of the impacts of these shifts are also discussed in the global context. Students use email and the Internet constantly in this unit as part of their project work.

Courses: BS47, BS91, GS40, GS41, GS42, GS43, GS44, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99
Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN201
Campus: GP **Semester:** 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 will be 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, GS41, GS42, GS43, GS44, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99
Contact hours: 3 per week **Credit points:** 6
Incompatible with: EFN409
Campus: GP **Semester:** 1, 2, 3

► GSN404 FINANCIAL STATEMENTS ANALYSIS I

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 process of analysing financial statements, how to interpret findings and how to understand what the analysis and other contextual data tell them about the business.

Courses: BS47, BS91, GS40, GS41, GS42, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99
Contact hours: 3 per week **Credit points:** 6
Incompatible with: AYN416
Campus: GP **Semester:** 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 in the case study method of learning.

Courses: BS47, BS91, GS40, GS41, GS42, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99
Prerequisites: GSN401 **Corequisites:** GSN401
Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 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 will be given to the human resource management implications arising from the global business environment and the changing nature of organisations.

Courses: BS47, BS91, GS40, GS41, GS42, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99
Prerequisites: GSN401, GSN409
Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 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 will better understand the principles of effective written and spoken communication through theory and undertaking several practical exercises and tasks.

Courses: BS47, BS91, GS40, GS41, GS42, GS43, GS44, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99
Contact hours: 3 per week **Credit points:** 6
Incompatible with: CON404
Campus: GP **Semester:** 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 will 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, GS41, GS42, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF01, IF02, IF03, IF04, IF13, IF15, IF98, IF99
Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN206
Campus: GP **Semester:** 1, 2, 3

► GSN409 ORGANISATIONAL BEHAVIOUR I

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 will examine 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, GS41, GS42, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99
Corequisites: GSN401
Contact hours: 3 per week **Credit points:** 6
Incompatible with: MGN412
Campus: GP **Semester:** 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 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; and intellectual property protection. Students will examine and critique several business plans and/or case studies during the semester.

Courses: BS47, BS91, GS40, GS41, GS42, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF03, IF04, IF13, IF15, IF98, IF99
Prerequisites: GSN408 **Corequisites:** GSN408
Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN300
Campus: GP **Semester:** 1, 2, 3

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► 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, BS89, BS91, GS40, GS41, GS42, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99

Prerequisites: GSN405

Contact hours: 3 per week **Credit points:** 6
Incompatible with: EFN405, GSN203
Campus: GP **Semester:** 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, and with particular relevance to, managers. Students will 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, GS41, GS42, GS43, GS44, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99

Prerequisites: GSN401 **Corequisites:** GSN401

Contact hours: 3 per week **Credit points:** 6
Incompatible with: AYN410
Campus: GP **Semester:** 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, GS41, GS42, GS43, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99

Prerequisites: GSN403

Contact hours: 3 per week **Credit points:** 6
Incompatible with: EFN406
Campus: GP **Semester:** 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, BS89, BS91, GS40, GS41, GS42, GS43, GS44, GS48, GS50, GS85, GS86, GS87, GS93, GS97, IF13, IF15, IF98, IF99

Contact hours: 3 per week **Credit points:** 6
Incompatible with: EFN405, GSN203
Campus: GP **Semester:** 1, 2, 3

► 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 will culminate 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, GS41, GS42, GS43, GS48, GS85, GS86, GS87, GS93, IF13, IF15, IF98, IF99

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 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

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 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 on Speech Communication to create managers who are effective persuaders, opinion leaders, and facilitators of change in a business environment. Among the issues covered are: structuring and designing for an audience, developing a persuasive theme, using imagery and language effectively, developing presentations.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN407

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN408

Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN206
Campus: GP **Semester:** 1, 2

► 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 the larger organisation. 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN409

Contact hours: 3 per week **Credit points:** 6
Incompatible with: MGN412

Campus: GP

Semester: 2

► 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 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); and global strategies. Students complete a Strategic Plan for a new venture as part of this unit.

Courses: BS91, BS47, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97, IF03, IF04

Prerequisites: GSN405, GSN410

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 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, the origins of competitive advantage.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN411

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1

► 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 will 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 and occupational health and safety and privacy law.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN412

Contact hours: 3 per week **Credit points:** 6
Incompatible with: AYN410
Campus: GP **Semester:** 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN413

Contact hours: 3 per week **Credit points:** 6
Incompatible with: EFN406
Campus: GP **Semester:** 2

► 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 important concepts are introduced including the natural rate of unemployment, the underlying rate of inflation, aggregate demand and aggregate supply, monetary policy and fiscal policy, and the open economy. In the process, students get the opportunity to evaluate, critically, the virtues of the free market as opposed to government interventionism.

UNIT SYNOPSES

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN414

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 3

► 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 will 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN415

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 2

► 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 will complete a formal Business Plan for a new venture of their choosing, and present their plan to the class.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN416, GSN420, GSN429 Or GSN416, GSN420, GSN427, GSN430

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 2

► GSN427 FINANCIAL STATEMENT ANALYSIS 2

This unit explores the meaning of financial statements and their application in managerial decision-making. Information from financial statements will be 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, budgeting and short-term decision-making.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN404

Contact hours: 3 per week **Credit points:** 6
Incompatible with: AYN416

Campus: GP **Semester:** 1, 3

► 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 will study the business environment and the underlying socio-political, geographical and historical aspects in that (those) countries in considerable detail. The international study tour would normally be scheduled during the semester break period, and involve 10-14 days overseas, accompanied by an Academic Advisor. The group will attend 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:**

► 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 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. Pricing is also a problem area.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN410, GSN418

Corequisites: GSN418

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 2

► GSN430 NEW VENTURE RESOURCING

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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN404, GSN410

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 2

► 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN410, GSN420 or GSN405

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2

► 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 cost and reducing employee turnover, while allowing employees to participate in the upside potential of the venture.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN410, GSN415

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2

► 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 will 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 will 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN404, GSN410, GSN413, GSN420, GSN430

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1

► 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 will be examined and focus will be placed on strategies and methodologies for adopting the technology in a real world context. Students will 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 will 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN402

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 2, 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 and introduced analytically with respect to strategies and constraints.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN401

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2

► GSN439 PRODUCTION AND OPERATIONS MANAGEMENT 2

The organisation is a dynamic system affected by both external and internal forces. Operations management narrow 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN438

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2

► 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN401

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 2, 3

► GSN441 RISK MANAGEMENT 2

This unit is an extension of GSN440, and continues the approach of examining the role of risk management in contemporary management theory and practice. Key decision area of risk (eg financial, human resource, physical - asset, etc) are considered in the context of the general management of the organisation.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN440

Contact hours: 3 per week **Credit points:** 6

UNIT SYNOPSES

- Campus:** GP **Semester:** 2
- **GSN442 PROJECT MANAGEMENT 1**
Managers are increasingly placed in a position of project manager, to manage projects as diverse as 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN440
Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 3
- **GSN443 PROJECT MANAGEMENT 2**
Managers are increasingly placed in the position of project manager, to manage projects as diverse as 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 a minimum of fortnightly contact 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN442
Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1
- **GSN444 SPECIAL TOPICS 1**
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 especially 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 3
- **GSN445 SPECIAL TOPICS 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, 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 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: GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: 48 credit points, Unit Coordinator approval, GPA>5.5
Credit points: 6
Campus: GP **Semester:** 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 area 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN402, GSN418
Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2
- **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 it will address issues relating to pricing including both monetary and non monetary costs to the consumer, the Internet as part of the promotional mix and a promotional medium, an evaluation of product types most suited to Internet marketing and the value of the Internet as a distribution channel.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN447
Contact hours: 3 per week **Credit points:** 6
Campus: GP
- **GSN449 PUBLIC SECTOR AND SOCIAL MARKETING 1**
Marketing has rapidly expanded its application over recent years from being a primarily 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 focussing in particular on service delivery and the use of social marketing to facilitate social and individual change.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97, IF03, IF04
Prerequisites: GSN408 and GSN418
Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 3
- **GSN450 PUBLIC SECTOR AND SOCIAL MARKETING 2**
Marketing has rapidly expanded its application over recent years from being used to increase the effectiveness and efficiency of a range of non-commercial activities. In particular, over the past decade marketing as been adopted by government agencies world wide to improve service standards and communication with key audiences. This unit applies the theory and models developed in Public Sector and Social Marketing 1 to a range of practical situations.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN449
Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1
- **GSN451 CONTEMPORARY ISSUES IN THE INTERNATIONAL POLITICAL ECONOMY**
This is an interdisciplinary unit which provides managers with a thorough grounding in a number of contemporary issues within the international political economy. Students are introduced to the key learning objectives through a series of international case studies on the European Union, the North American Free Trade Agreement, the East Asian economic crisis, and the transitional economies in Eastern Europe.
Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN414
- Contact hours:** 3 per week **Credit points:** 6
Campus: GP **Semester:** 2
- **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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN406
Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2
- **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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN411 or GSN414
Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2
- **GSN455 SPECIAL TOPICS 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 **Semester:** 1
- **GSN456 PERSONAL DEVELOPMENT AND ETHICS FOR MANAGERS**
This unit provides students with an opportunity 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 not only a personal career perspective but as determinants of management and business effectiveness in an international context.
Courses: B47, BS91, GS40, GS41, GS42, GS43, GS85, GS86, GS90, GS91, GS92
Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN208 **Campus:** GP
- **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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN407
Contact hours: 3 per week **Credit points:** 6

UNIT SYNOPSES

Campus: GP **Semester:** 2

► **GSN458 INTERCULTURAL BUSINESS COMMUNICATION**

This unit examines the dimensions of intercultural business communication competence, including verbal and non-verbal strategies used by different cultural groups. By focusing on significant intercultural business communication issues, the unit provides the opportunity to analyse and reflect on the ways in which diversity enhances organisational effectiveness, and the difficulties that arise for organisational members in dealing with difference.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN407

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2

► **GSN459 COMMUNICATION PLANNING FOR ORGANISATIONS**

This unit focuses on the development and management of internal organisational communication programs required for effective strategic alignment of employees with organisational mission and goals. The unit examines the various ways in which strategic communication planning can facilitate change through the alignment of organisational members with the direction required by the organisation.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN407, GSN457

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 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 'intrapreneurs' 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 will apply specific techniques to case studies during the semester. Video records of tutorials will be used to facilitate feedback for improved learning outcomes.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 2

► **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 intent 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, GS41, GS43, GS48, GS50, GS85, GS93, GS97

Prerequisites: GSN401, GSN409

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1

► **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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 3

► **GSN463 AUSTRALIAN E-COMMUNICATIONS POLICY**

Australian E-Communications Policy is a unit that develops the understanding of managers about policies affecting new communications technologies. Students will be made aware of the factors involved in policy development for emer-

gent communications media, and be better prepared to plan strategically for these new media. All tasks aim to develop the expertise of students in their chosen areas of interest.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN402

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2

► **GSN464 INTERNATIONAL E-COMMUNICATIONS POLICY**

International E-Communications Policy carries on from GSN463, focusing on the international policy environment for e-commerce practice. The unit involves investigation of the legislative environment for information and communication technologies (ICTs) in the US, UK, Canada and in the Asia-Pacific region.

Courses: BS30, BS47, BS91, GS41, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN402

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 3

► **GSN465 ADVANCED ELECTRONIC COMMERCE**

This unit follows on from GSN435 Electronic Commerce, providing greater depth on the current technologies required to conduct electronic commerce. Discussion will focus on the application of these technologies to real world business problems and the consequences for management.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN435

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1

► **GSN466 TECHNOLOGY INFRASTRUCTURE MANAGEMENT**

Technology Infrastructure Management will develop and appreciation of the complex issues with face today's Information Technology Managers.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN402

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2

► **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 will focus on the application of knowledge strategies and technologies to real world business problems.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN402

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 3

► **GSN468 PUBLIC AND COMMERCIAL POLICY IN THE ICT SECTOR**

This unit examines the apparent strategies used to exercise leadership and influence in the 'new economy' through both formal and informal policy-making in public and commercial organisations. It explores the current Australian perspective of Government, Industry Associations and Corporation, by examining their published documentation and reported strategies as a means of identifying influence processes.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN402

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN402

Contact hours: 3 per week **Credit points:** 6

Incompatible with: GSN201

Campus: GP **Semester:** 1

► **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 will examine the nature of e-business, with particular emphasis on the variety of e-business strategies and will explore on how traditional management practices face difficulties in an electronic context.

Courses: GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2

► **GSN471 E-PUBLISHING**

E-Publishing will provide MBA students with the basic skills in electronic publishing. The unit will examine a range of e-publishing products, and will seek to provide students with the skills to determine which e-product is appropriate for a variety of markets. Web site development, scripting, security applications and setting up a business portal will be key components of the unit.

Courses: GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN402

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 3

► **GSN472 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, and relationships between key stakeholders, corporate governance in different contexts including small proprietary companies and large listed and unlisted entities and current issues, and including arguments propounded for self regulation versus government intervention.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN412

Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN229

Campus: GP **Semester:** 2

► **GSN473 CORPORATE ACCOUNTABILITY**

GSN473 focuses on the Board's role in setting and developing strategic direction of the Company together with management, how the board oversees and monitors management especially with respect to the financial well being of the Company and the role of the auditor and other experts, together with the opportunity to undertake work-based projects to put 'theory into practice' in a significant way. The design and implementation of effective compliance systems cultural and other issues that affect a 'culture of compliance' within organisations and essential record keeping strategies are examined and possible contingency plans suggested.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN472, GSN404, GSN405

Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN229

Campus: GP **Semester:** 1, 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, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN405

UNIT SYNOPSES

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 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: therefore, incorporating presentation skills with strategic analysis.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97
Prerequisites: GSN405, GSN474

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1

► **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 process that support the business strategic and operational outcomes, and the people involved in the selling. Students will examine various sales models and their applicability to different industries and critique several commission, reward and recognition plans and their effectiveness.

Courses: BS97, GS40, GS41, GS43, GS48, GS49, GS99

Prerequisites: GSN405, GSN406, GSN408

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 2

► **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: BS97, GS40, GS41, GS43, GS48, GS49, GS99

Prerequisites: GSN405

Corequisites: GSN442

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 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; and investment in natural capital. This framework is applied in the analysis of a number of international case studies.

Courses: BS47, BS91, GS40, GS41, GS43, GS48, GS50, GS85, GS86, GS93, GS97

Prerequisites: GSN411 or GSN414

Contact hours: 3 per week **Credit points:** 6
Campus: GP **Semester:** 1, 2, 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, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97

Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN472, GSN229
Campus: GP **Semester:** 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 prin-

ples 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, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN229, GSN411
Campus: GP **Semester:** 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, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week **Credit points:** 6
Incompatible with: CON427, AMN480
Campus: GP **Semester:** 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, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week **Credit points:** 6
Incompatible with: CON427, AMN480
Campus: GP **Semester:** 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 will examine the regulatory, taxation and governance framework of nonprofit organisations and philanthropic transactions in Australian Federal and State jurisdictions.

Courses: BS39, BS93, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN231
Campus: GP **Semester:** 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 whether an Australian accounting standard for nonprofit organisations is required. International comparisons are made.

Courses: BS39, BS93, BS95, GS40, GS41, GS43, GS50, GS85, GS86, GS87, GS93, GS97
Contact hours: 3 per week **Credit points:** 6
Incompatible with: GSN231
Campus: GP **Semester:** 2

► **HBB050 MANDARIN FOR CHINESE**

Students will receive instructions in listening and speaking Putonghua; reading and writing Pinyin Romanisation; reading and writing simplified characters; learn differences in structure and nuance between their native dialect and Putonghua.

Courses: All **Credit points:** 12
Incompatible with: HUB450
Campus: GP **Semester:** 3

► **HBB051 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 Mandarin sound and tonal systems; the Pinyin Romanization 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 **Semester:** 3

► **HBB052 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 a knowledge of the Pinyin Romanization 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 HBB051
Credit points: 12
Incompatible with: HUB454
Campus: GP **Semester:** 3

► **HBB053 INTERMEDIATE MANDARIN**

See HBB052. **Semester:** 1

► **HBB054 ADVANCED MANDARIN**

See HBB052. **Semester:** 2

► **HBB056 INTERNATIONAL INTENSIVE PROGRAM**

Short period of intensive language study conducted at an approved institution in the country where the target language is used; 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

► **HBB057 INTERNATIONAL SUMMER SCHOOL OR EQUIVALENT**

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

► **HBB058 IN-COUNTRY STUDY - A**

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

► **HBB059 IN-COUNTRY STUDY - B**

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

► **HBB060 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: French Immersion Program/In-country Program (following Senior French) or HUB673

Corequisites: HUB674 or HBB065 (for students wishing to take HUB675 French 6 in Semester 2)

Contact hours: 4 per week **Credit points:** 12
Incompatible with: HUB452 **Campus:** GP

► **HBB061 FRENCH 1**

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.

UNIT SYNOPSES

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:** GP

► HHB062 FRENCH 2

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 **Semester:** 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 **Semester:** 1

► HHB064 FRENCH 4

This course expands on 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 **Semester:** 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, preparation of 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 **Semester:** 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 **Semester:** 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 **Semester:** 1

► HHB068 FRENCH 8

This unit allows students to play with verbal and non-verbal aspects of French by studying puns; comic sketches; 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 **Semester:** 2

► HHB069 FRENCH 9

Advanced French unit 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

Practical introduction to French-English translation. 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 around 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 **Semester:** 1

► HHB072 INDONESIAN 2

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 around 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
Prerequisites: HHB071, HUB650 or equivalent
Contact hours: 4 per week **Credit points:** 12
Incompatible with: HUB651
Campus: GP **Semester:** 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 the year and, by the end of the second semester, with the use of a dictionary, students can make good sense of straightforward 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 **Semester:** 1

► HHB074 INDONESIAN 4

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 the year and, by the end of the second semester, with the use of a dictionary, students can make good sense of straightforward 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: HUB652, HHB073 or equivalent
Contact hours: 4 per week **Credit points:** 12
Incompatible with: HUB653
Campus: GP **Semester:** 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 **Semester:** 1

► HHB076 INDONESIAN 6

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, 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 **Semester:** 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 **Semester:** 1

► HHB078 INDONESIAN 8

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: HUB656, HHB077 or equivalent
Contact hours: 4 per week **Credit points:** 12
Incompatible with: HUB657
Campus: GP **Semester:** 2

► HHB081 JAPANESE 1

Conversation and listening skills are developed using communicative methodology. Students study controlled natural language in authentic cultural settings using interactive videodisc programs. The hiragana and katakana scripts are taught from the outset and a total of 175 kanji are introduced.

Courses: BS56, ED50, ED51, HH01, HU20, HU22, IF36, IF43, IF70, IF81, IF82, IF83, IF84, IF86, SC30, IF30, SS60

UNIT SYNOPSES

- Contact hours:** 4 per week **Credit points:** 12
Incompatible with: HUB660
Campus: GP **Semester:** 1, 2
- ▶ **HHB082 JAPANESE 2**
 Conversation and listening skills are developed using communicative methodology. Students study controlled natural language in authentic cultural settings using interactive videodisc programs. The hiragana and katakana scripts are taught from the outset and a total of 175 kanji are introduced.
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 **Semester:** 2, 3
- ▶ **HHB083 JAPANESE 3**
 Begins with a review segment to consolidate skills of students as they merge from introductory units and school studies. Language skills are developed through a combination of communicative classroom activities and interactive videodisc based computer programs. 150 additional kanji are introduced and cultural aspects are integrated.
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 **Semester:** 1
- ▶ **HHB084 JAPANESE 4**
 Students learn to express themselves on a variety of social and cultural topics. An additional 150 kanji are introduced and the use of computer programs are encouraged to reinforce kanji knowledge. Videodisc-based programs extend the ability to comprehend natural language in authentic cultural settings.
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 **Semester:** 2
- ▶ **HHB085 JAPANESE 5**
 The videodisc series is completed in this unit, incorporating the whole range of grammatical structures used in natural settings. More complex texts expose students to a variety of socio-cultural issues. A further 150 kanji are introduced and students are encouraged to consolidate their skills using the computer programs available.
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 **Semester:** 1
- ▶ **HHB086 JAPANESE 6**
 A television drama series modified for classroom use will be the focus of listening and speaking activities in this unit. Reading/writing skills are extended and a further 150 kanji are introduced. Students are encouraged to consolidate their skills using the computer programs.
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 **Semester:** 2
- ▶ **HHB087 JAPANESE 7**
 The focus of this unit is the media. Television 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 should be able to write 1000 kanji by the end of this unit.
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 **Semester:** 1
- ▶ **HHB088 JAPANESE 8**
 Practical skills for use in a business or other work-related environment are developed. These include writing a CV and letter of application for a job using a Japanese word processor, making phone calls, going for an interview, understanding the structure of Japanese companies, using polite language and presenting a business plan in Japanese. Kanji knowledge is extended beyond 1000.
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 **Semester:** 2
- ▶ **HHB091 GERMAN 1**
 In this introductory unit, students study authentic material using interactive videodisc technology and communicative class activities to equip them with basic communication skills for everyday use and for some workplace 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: HUB735
Campus: GP **Semester:** 1, 2
- ▶ **HHB092 GERMAN 2**
 In this introductory unit, students study authentic material using interactive videodisc technology and communicative class activities to equip them with basic communication skills for everyday use and for some workplace situations.
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 **Semester:** 2, 3
- ▶ **HHB093 GERMAN 3**
 Consolidates speaking, listening, reading and writing skills using authentic video, interactive computer exercises, classroom communication activities, and written language and grammar assignments. Topics promote socio-cultural awareness and cover several areas of business and workplace language use.
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 **Semester:** 1
- ▶ **HHB094 GERMAN 4**
 Central to this unit are videodiscs relating to the events of 1989 and their consequences for German society. There is an increasing emphasis on writing skills and the expansion of the social and linguistic skills necessary in a German-speaking workplace.
Courses: BS56, ED50, ED51, 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 **Semester:** 2
- ▶ **HHB095 GERMAN 5**
 Develops linguistic competence to a higher level through intensive study of syntax and vocabulary expansion exercises. More complex texts found in German work environments are analysed and students are introduced to German post-war cultural history through a variety of more demanding literary texts.
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 **Semester:** 1
- ▶ **HHB096 GERMAN 6**
 Two streams: (1) Students expand their knowledge of German culture through legends, fairy-tales, songs and news broadcasts on interactive CD ROMS. (2) Study of German texts relating to business and the professions.
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 **Semester:** 2
- ▶ **HHB097 GERMAN 7**
 A survey of literary texts from Lessing to contemporary German writers forms a basis for grammatical stylistic and linguistic analysis and feature films are used to increase students' range of spoken registers and expression.
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 **Semester:** 1
- ▶ **HHB098 GERMAN 8**
 Students continue their journey in German literature but explore different genres. Computer and technology applications, tools and terminology increase competencies in this area.
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 **Semester:** 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, which 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 will be 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 **Semester:** 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

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Credit points: 12 **Incompatible with:** HSB121
Campus: CA **Semester:** 2

► **HBB103 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 **Semester:** 2

► **HBB104 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: HBB120
Campus: KG, CA **Semester:** 1, 2

► **HBB105 EXPLORING CHANGE**

As one of the core introductory units for the Society and Change major, Interpreting Change introduces you to ways of understanding the intersection of personal experience with social change. The unit will be organised around exercises that encourage you to place your 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 **Semester:** 2

► **HBB106 AUSTRALIAN SOCIETY AND CULTURE**

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 **Semester:** 1

► **HBB107 WORLD REGIONS**

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 **Semester:** 2

► **HBB108 AUSTRALIAN SOCIETY AND CULTURE FOR INTERNATIONAL STUDENTS**

This unit will provide 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 **Semester:** 1, 2

► **HBB109 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 **Semester:** 2

► **HBB110 INTRODUCTION TO INTERNATIONAL AND GLOBAL STUDIES**

This unit introduces students to a range of important perspectives in understanding international and global social change. Students will 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 will 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 **Semester:** 1

► **HBB111 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 critically engage 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 **Semester:** 2

► **HBB112 AUSTRALIAN POLITICS**

The political life of the Australian citizen; the democratic political traditions and institutional bases of Australian political life; the process by which political decisions get 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 **Semester:** 2

► **HBB113 INTERPERSONAL COMMUNICATION**

Introduces skills and processes of interpersonal relating as modified by culture, gender and power. Microskills are developed including building rapport, reflective listening, questioning to understand, facilitate and advocate 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 **Semester:** 2

► **HBB114 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: GP, CA **Semester:** 1, 2

► **HBB115 HUMAN IDENTITY AND CHANGE**

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 **Semester:** 2

► **HBB116 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 **Semester:** 1, 2

► **HBB117 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 also 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, data collection techniques 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 **Semester:** 1

► **HBB120 ETHICS, LAW AND HEALTH CARE**

Nursing practice involves making decisions with and for others which necessarily involve 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 **Semester:** 2

► **HHB121 INTERPRETING THE PAST**
Examines how the History discipline deals with the past, including questions of evidence and interpretation. 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 **Semester:** 1

► **HHB122 COLONIALISM AND INDEPENDENCE IN ASIA PACIFIC**

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 will also consider 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 **Semester:** 2

► **HHB123 INDIGENOUS AUSTRALIAN CULTURE STUDIES**

An appreciation of the two distinct indigenous cultures of Australia; how external forces to Aboriginal and Torres Strait Islander cultures caused social, economic and political changes; traditional family life and organisation.

Courses: HH01, HH04
Contact hours: 3 per week **Credit points:** 12
Incompatible with: HUB700, HHB227
Campus: CA **Semester:** 1

► **HHB127 ENVIRONMENT AND SOCIETY**

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 **Semester:** 1

► **HHB200 WORKING IN HUMAN SERVICE ORGANISATIONS**

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 **Semester:** 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 hu-

man 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 **Semester:** 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 **Semester:** 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 **Semester:** 1

► **HHB205 CORRECTIVE SERVICES: INTRODUCTION**

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 **Semester:** 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 using the service. Also explored are the cultural values and assumptions about disability, and the processes by which these values are translated into human service activity. Finally, 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 **Semester:** 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 amongst young people in relation to socio-economic status, gender, race and ethnicity, disability, sexual identity, and geographic location will be examined.

Courses: HH02, HS07, SS60
Contact hours: 3 per week **Credit points:** 12
Incompatible with: HSB217
Campus: CA **Semester:** 1

► **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 **Semester:** 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 **Semester:** 2

► **HHB212 COMMUNITY WORK**

Community work as a distinct intervention skill is defined. The background to community work in Australia. Models of community 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 **Semester:** 1

► **HHB213 SOCIAL POLICY PROCESSES**

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 will be explored. Analyses of Australia's response and the impact on redistribution in the Welfare State. Current analyses of health, housing, income security, immigration and family policies at federal, state and local government level.

Courses: HH02, HS07
Contact hours: 3 per week **Credit points:** 12
Incompatible with: HSB231
Campus: CA **Semester:** 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

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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 and CB **Semester:** 2, 3

► 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 **Semester:** 1

► HHB216 THE HUMAN DIMENSIONS OF SPACE

This unit is a component of the Community Studies major and will cover 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 of 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.

Courses: HH01 **Incompatible with:** HSB235

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 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: 3 per week **Credit points:** 12

Campus: CA **Semester:** 3

► 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. Assessment includes an oral presentation and two exams.

Courses: HH02, HS07

Contact hours: 4 per week **Credit points:** 12

Incompatible with: HSB218

Campus: CA **Semester:** 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 of 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 **Semester:** 2

► HHB221 INTERVENTION PROCESSES AND ETHICS

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Courses: HH02, HS07 **Prerequisites:** HSB218

Contact hours: 3 per week **Credit points:** 12

Incompatible with: HSB228

► 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 **Semester:** 2

► HHB223 ISLAM AND ISLAMIC SOCIETIES

This unit provides a valuable learning opportunity for students to explore the origin and development of Islam. It will examine the influence of Islam on various areas of life including social, economic, political and human values. This unit will employ 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

► HHB224 QUALITATIVE RESEARCH METHODS

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 will 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 **Semester:** 2

► HHB225 POLITICAL SOCIOLOGY

This unit examines a variety of sociological themes which might broadly be termed political. Central to the unit will be 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. We shall examine these debates, and move on to recent theorisations which have begun to detach power from the state. We shall take some 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 **Semester:** 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, while 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. For example, does globalisation and its associated mass production of goods and services imply increasingly homogenised consumer cultures or are there other processes at work which 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 **Semester:** 1

► HHB228 ENVIRONMENTAL HAZARDS

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 **Semester:** 2

► HHB229 WINDOWS ON JAPAN

The focus of this unit is contemporary Japan and Japanese people. Topics include 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 **Semester:** 1

► HHB230 POLITICAL BEHAVIOUR

Topics covered 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 political 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

Provides sociological analysis of the health care models and institutions, healing relationships

UNIT SYNOPSES

(between patients, nurses and doctors), theories of disease causation, and relationships in illness situations and illness behaviours. Covers sociology of the body including exploration of the experience of illness and professional practice from the patient's perspectives. Influence of gender, age, ethnicity, social class and disability in their experience. Importance of 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

Semester: 1

► HHB232 SURVEY METHODS

Introduces students to the principles and procedures of survey research using a practical, applied approach 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

Semester: 1

► HHB233 SEX, GENDER AND SOCIETY

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 will be 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

Semester: 1

► HHB234 SOCIOLOGICAL THEORY

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 range of topics will be 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

Semester: 1

► HHB235 IDENTITIES: THE BODY, TECHNOLOGY & CYBERSPACE

The question of social identities emerging in late modernity represents one of the most crucial aspects of contemporary social theorising and development. Students will gain insight into the contemporary debates on identity, covering a range of topics such as: loss of tradition, identity politics and identity representation.

Courses: HH01, HH03, IF70, IF36, IF82, IF84, IF43

Contact hours: 3 per week **Credit points:** 12
Campus: CA

► HHB236 VIRGINS, SAINTS AND SINNERS: SOCIOLOGY OF RELIGION

This unit explores the role which religions and various forms of spirituality play in contemporary social processes. It will discuss how religious movements are gaining instead of losing social significance (eg religious fundamentalisms) and explain why and how they are diversifying.

Students will be 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 will be 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

► 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

► 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 will be 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

Semester: 1

► HHB239 KOREAN CULTURE AND SOCIETIES

Korea has important trading, historical and cultural links with Australia. In this introductory unit on Korea, students will 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 will examine the experiences in Korea of colonialism, communism and modernization. Students will 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

Semester: 2

► 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. Students will learn about the causes and forms of crime and deviance, and the unit will give 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

Semester: 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 and utilises the existing skills and networks of women themselves.

Courses: HH01, HH03
Contact hours: 3 per week **Credit points:** 12
Campus: CA

► HHB242 PACIFIC CULTURE CONTACT

Key concepts including mobility, religion, morality, leadership, civilisations, society, change and continuity; develops an appreciation of culture and sensitivity towards cultural heritage; case studies and comparative analysis 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

► 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 will present key concepts including mobility, adaptation, change, tradition, continuity, conflict and independence.

Courses: HH01, HH03
Contact hours: 3 per week **Credit points:** 12
Campus: CA

► 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

► HHB245 AUSTRALIA AND THE SOUTH PACIFIC

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

Semester: 1

► HHB246 MODERN CHINA

A historical survey of China during the nineteenth and twentieth centuries. The primary focus will be 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 which have brought China to resume its place as the major Asian force will be studied.

Courses: HH01, HH03
Contact hours: 3 per week **Credit points:** 12
Campus: CA

Semester: 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. 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? This unit addresses these questions from a global, regional and historical perspective.

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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 **Semester:** 1

▶ **HBB272 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, and others, well-being. 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: CB

▶ **HBB273 RESHAPING LIFE AND DEATH**

The unit will cover 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 **Semester:** 1

▶ **HBB274 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 realisation of civil, political, economic, social, cultural and development rights. Academic deliberations are located in a number of concrete human rights issues and situations.

Courses: HH01 **Incompatible with:** HSB003

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 1

▶ **HBB275 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 economy, gender, power, cultural and indigenous perspectives. It critically reviews the effectiveness of the domestic human rights system in the protection, promotion and realisation of civil, political, economic, social, cultural and development rights.

Courses: HH01 **Contact hours:** 3 per week
Credit points: 12 **Incompatible with:** HSB005

▶ **HBB300 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 **Semester:** 2

▶ **HBB301 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 **Semester:** 2

▶ **HBB303 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: health behaviours, physical changes associated with ageing, nutrition, physical exercise, sexuality, substance abuse, dementia, caregiving and advocacy.

Courses: HH02, HS07, SS60

Prerequisites: HSB213

Contact hours: 3 per week **Credit points:** 12
Incompatible with: HSB323

Campus: CA **Semester:** 1

▶ **HBB304 CHILD AND FAMILY SERVICES: ADVANCED**

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

▶ **HBB305 CORRECTIVE SERVICES: ADVANCED**

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 will be 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 **Semester:** 1

▶ **HBB306 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 particular 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 **Semester:** 1

▶ **HBB307 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 will involve 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 will also examine 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 **Semester:** 1

▶ **HBB310 GLOBALISATION AND SOCIAL THEORY**

Examines a range of social theory which has had an increasing impact on sociological work in the last decade or so. The unit will concentrate 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 will be 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 HBB234

Contact hours: 3 per week **Credit points:** 12
Incompatible with: HUB139

Campus: CA **Semester:** 2

▶ **HBB312 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 **Semester:** 1

▶ **HBB315 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 **Semester:** 1

▶ **HBB320 INDEPENDENT PROJECT 1**

Designed to develop research and writing skills, and 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

UNIT SYNOPSES

► 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

Semester: 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

Semester: 2

► HHR510 CONFERENCE PRESENTATION 1: NETWORKING AND PRESENTATION

This unit will develop 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 a variety of 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

Semester: 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 will develop students' skills in summarising, reporting and communicating doctoral level research.

Courses: HH50

Prerequisites: HHR510 **Credit points:** 12

► 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 unit is on the translation of research findings to an academic audience.

Courses: HH50

Prerequisites: HHR520

Credit points: 12

Semester: 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: 48

Semester: 1

► 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: 48

► 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: 48

► 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: 48

Semester: 2

► 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: Part 1 of Course (HHR501, HHR510, HHR551, 3 electives)

Credit points: 48

► HHR561-3 PROFESSIONAL PRACTICE PROJECT 2 3/4

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: Part 1 of Course (HHR501, HHR510, HHR551, 3 electives)

Credit points: 48

► HHR561-4 PROFESSIONAL PRACTICE PROJECT 2 4/4

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: Part 1 of Course (HHR501, HHR510, HHR551, electives).

Credit points: 48

► HHR561-2 PROFESSIONAL PRACTICE PROJECT 2 2/4

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: Part 1 of Course (HHR501, HHR510, HHR551, 3 electives)

Credit points: 48

► 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: Part 2 of course (HHR561-4, HHR520)

Credit points: 96

► HHR571-2 PROFESSIONAL PRACTICE PROJECT 3 2/8

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: Part 2 of course (HHR561-4, HHR520)

Credit points: 96

► HHR571-3 PROFESSIONAL PRACTICE PROJECT 3 3/8

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: Part 2 of course (HHR561-4, HHR520)

Credit points: 96

► HHR571-4 PROFESSIONAL PRACTICE PROJECT 3 4/8

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: Part 2 of course (HHR561-4, HHR520)

Credit points: 96

► HHR571-5 PROFESSIONAL PRACTICE PROJECT 3 5/8

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: Part 2 of course (HHR561-4, HHR520)

Credit points: 96

► HHR571-6 PROFESSIONAL PRACTICE PROJECT 3 6/8

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: Part 2 of course (HHR561-4, HHR520)

Credit points: 96

► HHR571-7 PROFESSIONAL PRACTICE PROJECT 3 7/8

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: Part 2 of course (HHR561-4, HHR520)

Credit points: 96

► HHR571-8 PROFESSIONAL PRACTICE PROJECT 3 8/8

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: Part 2 of course (HHR561-4, HHR520)

Credit points: 96

► HLN405 QUALITATIVE RESEARCH

This unit addresses a range of qualitative methodologies and methods which represent alternative approaches to the application of the quantita-

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tive 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 **Semester:** 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 your 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 you critically analyse and appraise existing knowledge and produce observations and conclusions of value to the field concerned.

Courses: HL88, PU85 **Credit points:** 48
Campus: KG, EXT **Semester:** 1, 2, 3

► HLN701 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 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 **Semester:** 1, 2, 3

► HLN703 PROJECT A

An important aspect of postgraduate development is the opportunity to engage in research or project work in their 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 **Semester:** 1, 2, 3

► HLN704 PROJECT B

An important aspect of postgraduate development is the opportunity to engage in research or project work in their 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 **Semester:** 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, PU85

Contact hours: 3 per week **Credit points:** 12

Incompatible with: PUB316 or equivalent

Campus: KG, EXT **Semester:** 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 minimises some sources of variation (error), how analytical techniques account for other sources, and finally the issue of introduced error that cannot be accounted for, but 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, PU60, PU85

Prerequisites: HLN705 or PUN105

Contact hours: 4 per week **Credit points:** 12

Campus: KG **Semester:** 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 **Semester:** 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

Prerequisites: Completion of course work

Credit points: 24
Campus: KG **Semester:** 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 **Semester:** 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 plus attendance at scheduled seminars.

Courses: HL50, HL52, HL55

Prerequisites: HLN706 or HLN405 (nursing students must complete both)

Corequisites: HLP101

Campus: KG

Credit points: 12

Semester: 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 **Semester:** 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 **Semester:** 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

► HMB172 NUTRITION AND PHYSICAL ACTIVITY

An introduction to principles of nutrition in relation to the physical activity setting, 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

► HMB271 FOUNDATIONS OF MOTOR CONTROL, LEARNING AND DEVELOPMENT

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. Covers elements of sensory mechanisms related to movement. Foundations of motor learning and adaptation will be 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 **Semester:** 1

► HMB272 BIOMECHANICS

The application of mechanics as they apply to Human Movement including: kinematics and dynamics of human body models; quantitative analysis; impact; work and power; fluid dynamics; material properties.

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Courses: HL40, HL42, HL43, HM45, HM42, IF62, IX04, PU40

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 2, 3

► 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 **Semester:** 2 and 3

► HMB274 FUNCTIONAL ANATOMY

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 **Semester:** 1

► HMB275 EXERCISE AND SPORT PSYCHOLOGY

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 **Semester:** 2

► HMB276 RESEARCH IN HUMAN MOVEMENT

Principles of research: purposes, philosophy, applications. Quantitative research: basic statistics; descriptives, ANOVA, correlation, regression and non-parametrics; basic research design hypothesis testing. Qualitative research: methodology; data collection; theory building. Research presentation: writing a research report; developing conclusions. 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 **Semester:** 2

► HMB277 EXERCISE AND SPORT NUTRITION

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 is also part of this unit.

Courses: HL42, HM42, IF62, IX04, PU43

Prerequisites: HMB172

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 their 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 will be 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 **Semester:** 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, IF84

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1

► HMB310 PHYSICAL EDUCATION CURRICULUM STUDIES 1

The nature of physical education as an applied curriculum area. Insights into relevant Queensland syllabus and curriculum documents are provided; competencies in planning and teaching are developed and close links are made with teaching practice.

Courses: ED90, ED54, IX04

Prerequisites: EDB323 and at least 48 credit points in the relevant discipline area

Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 2

► HMB313 SOCIO-CULTURAL FOUNDATIONS OF PHYSICAL ACTIVITY

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 **Semester:** 1

► HMB314 PERFORMANCE SKILLS 1

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 **Semester:** 1, 2

► HMB315 PERFORMANCE SKILLS 2

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 **Semester:** 1, 2

► HMB332 HEALTH RELATED FITNESS

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 **Semester:** 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 **Semester:** 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. 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 **Semester:** 1

► HMB341 SPORTING AND OUTDOOR EDUCATION ADMINISTRATION

The primary school physical educator and class teacher is responsible for the organisation of educational programs both at school and in other education and sporting settings. This unit assists students in understanding and organising a variety of sporting tournaments, carnivals and outdoor education.

Courses: ED51

Prerequisites: HMB307, HMB315

Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 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, ED51, IX04

Prerequisites: HMB310, HMB370

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 2

► HMB361 FUNCTIONAL ANATOMY 2

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 and research techniques in functional anatomy.

Courses: HM42, IX04

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 2

► HMB362 BIOMECHANICS 2

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

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Courses: HM42, ME46, IF62, IX04

Prerequisites: HMB272, HMB274

Contact hours: 4 per week **Credit points:** 12

Campus: KG **Semester:** 1

► HMB363 INDEPENDENT STUDY

To meet the specific interest of students beyond content offered within existing units; conceptualise, plan and execute a research study including survey of literature, development of an action plan, reflection on a practice or situation, and proposal for 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 **Semester:** 1, 2

► HMB364 SEMINARS IN HUMAN MOVEMENT

Offered to capitalise on the expertise of resident or visiting staff, 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 will study the area chosen cooperatively.

Courses: ED90, ED51, HM42, IF62, IX04

Contact hours: 4 per week **Credit points:** 12

Campus: KG **Semester:** 1, 2

► HMB370 PHYSICAL EDUCATION CURRICULUM STUDIES 2

The focus of this unit is divided between issues and directions of current trends in curriculum development and advanced strategies used to achieve variety in the implementation of indoor and outdoor lessons.

Courses: ED90, ED54, IX04

Prerequisites: HMB310

Contact hours: 5 per week **Credit points:** 12

Campus: KG **Semester:** 1

► 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 **Semester:** 2

► HMB374 PSYCHOLOGY OF REHABILITATION

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 psychologists 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 **Semester:** 1

► HMB375 ADAPTED PHYSICAL ACTIVITY

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 **Semester:** 2

► HMB376 MOTOR DEVELOPMENT IN CHILDREN

Theoretical perspective of normal and abnormal motor development, incorporating maturational,

descriptive and behavioural aspects; underlying sensory, perceptual, neurological and cognitive changes which influence motor development in children. A theoretical understanding of developmental differences and development delay in children with intellectual, sensory or physical disability. Experience will be 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 **Semester:** 1

► HMB377 CHILDREN IN SPORT

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, Aussie sport program.

Courses: ED90, HM42, IF62, IX04

Contact hours: 3 per week **Credit points:** 12

Campus: KG **Semester:** 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, with an 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 independently study 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 **Semester:** 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 **Semester:** 1

► HMB382 PRINCIPLES OF EXERCISE PRESCRIPTION

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

Prerequisites: HMB273

Contact hours: 4 per week **Credit points:** 12

Campus: KG **Semester:** 1

► HMB383 WORKPLACE HEALTH

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 **Semester:** 2

► HMB384 INJURY PREVENTION AND REHABILITATION

Epidemiology and 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 **Semester:** 2

► HMB390 HEALTH EDUCATION CURRICULUM STUDIES 1

This unit focuses on the nature of health education as an applied curriculum area. Insights into relevant syllabus and curriculum documents (predominantly from Queensland) are provided and related to competency in planning work programs that facilitate good teaching practices in health education. This input is closely linked to teaching practice experiences in the overall program.

Courses: ED90, ED54, IX04

Prerequisites: EDB323 and at least 48 credit points in the relevant discipline area

Contact hours: 3 per week **Credit points:** 12

Campus: KG **Semester:** 2

► HMB395 HEALTH EDUCATION CURRICULUM STUDIES 2

The focus in this unit is divided between issues and directions associated with current trends in curriculum development and advanced teaching strategies used to achieve a variety of health education outcomes. An enquiry based approach incorporating a social view of health will be emphasised and applied to align with the current emphasis on the application in Health Education syllabus documents especially the Senior Health education Syllabus in Queensland.

Courses: ED90, ED54, IX04

Prerequisites: HMB390

Contact hours: 3 per week **Credit points:** 12

Campus: KG **Semester:** 1

► HMB441 SOCIOLOGY OF SPORT

A 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

Contact hours: 3 per week **Credit points:** 12

Campus: KG **Semester:** 2

► HMB470 PRACTICUM 1

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

Prerequisites: Successful completion of Years 1 and 2 of the HM42 academic program, PLUS successful completion of Years 1 and 2 HM42 practicum requirements, or by agreement with the Course Coordinator.

Credit points: 12

Campus: KG **Semester:** 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 plan in a seminar at the end of semester 1.

Courses: HL42, HL43, HM42, HM45

Credit points: 12

Campus: KG

Semester: 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 a seminar at the end of Semester 2.

Courses: HL42, HL43, HM42, HM45

Prerequisites: HMB471

Credit points: 12

Campus: KG

Semester: 1, 2

► **HMB475 PRACTICUM 2**

A comprehensive vocational experience undertaken as a supervised full-time internship. Student 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

Prerequisites: Satisfactory completion of years 1-3 practicum requirements and seven semesters of coursework including HMB470

Credit points: 36

Campus: KG

Semester: 1, 2

► **HMB480 ADVANCED EXERCISE PRESCRIPTION**

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

Semester: 2

► **HMB615 EXERCISE PHYSIOLOGY**

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

Semester: 1

► **HMB617 WORKPLACE HEALTH**

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 process.

Courses: ME46

Contact hours: 3 per week

Credit points: 8

Campus: KG

Semester: 2

► **HMN201 DEVELOPING TEACHING AND LEARNING INITIATIVES FOR THE HEALTH AND PHYSICAL EDUCATION KEY LEARNING AREA**

Critically analyse outcomes based education and the relationship of the Years 1-10 HPE syllabus to the context of broader agendas of 1-10 school education in Australia; apply key concepts of the Years 1-10 HPE syllabus to whole of school curriculum development, planning and implementation; (re)design programs for successful student achievement and evaluation of the achievement of the outcomes of the Years 1-10 HPE syllabus; and identify relationships between

the Years 1-10 HPE syllabus, Senior PE and HE syllabuses.

Courses: ED13, HL88

Credit points: 12

Campus: KG

Semester: 1

► **HMN202 DEVELOPING AND ASSESSING HIGHER ORDER THINKING SKILLS IN SCHOOL PHYSICAL EDUCATION**

Examine contemporary theories of teaching and learning and knowledge frameworks for school PE; evaluate current models of teaching and learning and existing personal practices in PE in the context of learning theories and knowledge frameworks; and create 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: KG

Semester: 1

► **HMN203 APPLICATION OF THE SCIENCES TO TEACHING AND LEARNING IN PHYSICAL EDUCATION AND SPORT**

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; and 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: KG

Semester: 2

► **HMN205 HEALTH EDUCATION CURRICULUM ACROSS THE SCHOOL YEARS**

Understand how current issues and emerging trends can shape the principles and practices of health education in schools; develop higher order mastery of the principles of curriculum design, implementation and evaluation for health education in a school based context; reconstruct teaching and learning programs and assessment practices promote higher order thinking by students of health education; and critically reflect on the impact of this unit on personal practice in the classroom and on the broader role of teaching.

Courses: ED13, HL88

Credit points: 12

Campus: KG

Semester: 2

► **HMN206 DESIGNING PHYSICAL ACTIVITY EXPERIENCES FOR SPECIAL POPULATIONS**

Identify key issues, educational policies and legal obligations considered in designing physical activity programs for specific populations; understand how physical education syllabi can incorporate adapted programs and practices; critically evaluate and review existing programs designed for specific populations; design physical activity experiences that are sensitive toward and encouraging of participation among individuals with specific needs; and demonstrate teaching and developmental support strategies which are responsive to the learning needs of students within an inclusive physical education curriculum.

Courses: ED13, HL88

Credit points: 12

Campus: KG

Semester: 2

► **HMN601 EXERCISE AND HEALTH ACROSS THE LIFESPAN**

Physical activity is almost universally accepted as being relevant to health, although the pattern of activity (nature, intensity, frequency and duration of individual exercise bouts, cumulative years of participation) required to induce maximum health benefits remains uncertain. Exercise throughout the lifespan and the implications for good health.

Courses: HL88, HL68, HL38

Contact hours: 3 per week

Credit points: 12

Campus: KG

Semester: 1

► **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

Semester: 2

► **HMP385 SPORT PRACTICUM (RUGBY)**

Students will 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 will be 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 evaluations of the activities undertaken during the placement.

Courses: HM34

Credit points: 12

Campus: EXT

Semester: 1

► **HMP389 ASSESSMENT IN SPORT (RUGBY)**

This unit will acquaint students with contemporary methods used in sports assessment, focusing on physiological and biomechanical measures. Students will acquire practical skills in assessment methods. In addition, lectures will 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 will be 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

Credit points: 12

Campus: EXT

Semester: 2

► **HMP390 RUGBY COACHING - PRINCIPLES AND SKILLS**

Students will examine the role of the rugby coach and will critically examine all the elements of effective coaching. The unit will consist of four modules which will cover the history and culture of rugby; training and match applications; technical and tactical aspects based on player performance, maturation and experience; and analysis and application of various coaching styles and methodologies. Students will 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

Credit points: 12

Campus: EXT

Semester: 1

► **IBB101 BUSINESS IN AUSTRALIA**

This unit will introduce international students and students new to Australia to the business environment of Australia. Students will examine historical, socio-cultural, geographical, economic, political and other factors and contemporary issues that impinge upon doing business in Australia. Learning activities include computer simulations, field studies and industry analysis. Generic skills addressed include teamwork, report writing and presentation skills.

Courses: BS56, IF56, IF60, IF62, IF72

Contact hours: 3 per week

Credit points: 12

Incompatible with: MIB101

Campus: GP

Semester: 1, 2, 3

► **IBB202 BUSINESS AND THE WORLD ECONOMY**

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 evolution of the international financial system, the foreign exchange market, the types of foreign exchange rate exposures, manag-

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ing 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 and managing country risk exposure.

Courses: BS50, BS56, IF05, IF09, IF28, IF30, IF40, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72

Prerequisites: BSB113, BSB119

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIB202

Campus: GP **Semester:** 1, 2

► IBB205 CROSS-CULTURAL COMMUNICATION AND NEGOTIATION

This unit analyses the complexities of the interaction when modern organisations enter cultures different to that of their home base. The unit explores and analyses the interdependence among cultures, management philosophies, corporate strategies and business negotiations. It is designed to develop skills in negotiating in the international environment. The unit will assess the relationships among values and managerial and corporate negotiation and communications behaviour in diverse environments.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF60, IF61, IF62, IF72

Prerequisites: BSB119, BSB122 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: MIB205

Campus: GP **Semester:** 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 will include: 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 to illustrate the topics.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72

Prerequisites: BSB119

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIB208

Campus: GP **Semester:** 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, IF72

Prerequisites: BSB119

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIB210

Campus: GP **Semester:** 1, 2

► IBB211 GLOBALISATION AND BUSINESS

This unit examines the forces of globalisation, the debates about the process and the practical implications of globalisation for business firms and business practice. The unit builds upon the Faculty core unit to explore how country environments differ, the impact these differences have on how business is conducted and the theories of why and how firms choose to do business in foreign locations. The unit will provide an

understanding of the differences in the political economy of countries, the architecture and governance of the international economy and the operational challenges of doing business in different cultures.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72

Prerequisites: BSB119

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIB211

Campus: GP **Semester:** 1, 2, 3

► IBB213 INTERNATIONAL MARKETING

The aim of this unit is to provide students with a thorough understanding of the multiplicity of issues which impact on the development of international marketing strategies and plans and their operational implementation. The unit is highly applied and provides students with an opportunity 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, IF40, IF41, IF60, IF62

Prerequisites: BSB119

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIB213

Campus: GP **Semester:** 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 will include 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 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, IF56, IF60, IF61, IF62, IF72

Prerequisites: BSB119

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIB200

Campus: GP **Semester:** 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. 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, IF56, IF60, IF62, IF72

Prerequisites: BSB113

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIB223

Campus: GP **Semester:** 1

► IBB231 BUSINESS STUDY TOUR TO CHINA

This unit is designed to build strong links between theoretical learning and practical application of students' business studies through them undertaking 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, IF09, IF56, IF60, IF62, IF72

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

Semester: 1, 3

► IBB232 BUSINESS STUDY TOUR TO INDIA

The unit is designed to build strong links between theoretical learning and practical application of students' business studies through them undertaking 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

Prerequisites: BSB119 or Completion of 48 credit points of approved study.

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

Semester: 1, 3

► 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 will use case studies to analyse the strategic behaviour of global companies. Issues examined include: 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, IF56, IF60, IF61, IF62, IF72

Prerequisites: IBB211 or 96 credit points of approved study

Contact hours: 3 per week **Credit points:** 12

Incompatible with: BSB300, MGB330

Campus: GP **Semester:** 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, IF62

Prerequisites: IBB211 or 96 credit points of approved study.

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 1

► 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 impact of E-business

UNIT SYNOPSES

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, IF30, IF56, IF60, IF62, IF72
Prerequisites: IBB210
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIB303
Campus: GP **Semester:** 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: 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, and applying these principles to specific Australian industries conducting international business.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF47, IF48, IF56, IF60, IF61, IF62, IF72
Prerequisites: IBB212 or MGB206 or MGB208
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MGB309, MIB212
Campus: GP **Semester:** 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 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, IF56, IF60, IF61, IF62, IF72
Prerequisites: IBB208 or 96 credit points of approved study
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIB300
Campus: GP **Semester:** 2

► **IBB312 SPECIAL TOPIC - INTERNATIONAL BUSINESS**

An 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.

Courses: BS56, IF56, IF60, IF62, IF72
Prerequisites: IBB211
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIB312
Campus: GP **Semester:** 1, 2, 3

► **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; 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; and the rapid economic and legal reform taking place in East Asia.

Courses: BS56, IF05, IF09, IF28, IF30, IF41, IF48, IF56, IF60, IF61, IF62
Prerequisites: IBB217 or 96 credit points of approved study
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIB317
Campus: GP **Semester:** 2

► **IBB322 INDEPENDENT STUDY PROJECT - INTERNATIONAL BUSINESS**

This unit enables a student to pursue a specific interest 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, oral or written examination or a combination of a selection of these items of assessment.

Courses: BS56
Prerequisites: 96 credit points of approved studies and approval of Subject Area Co-ordinator
Contact hours: 2 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2, 3

► **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 within which these dimensions are developed and applied to industries selected by the students for their major assignment.

Courses: BS63 **Contact hours:** 3 per week
Credit points: 12 **Incompatible with:** BSN400
Campus: GP **Semester:** 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 will be examined, together with major intra-regional patterns of trade, commerce and finance. Significant economic, political and social factors determining developments will be focussed upon, as well as regulatory restraints governing market access. The student will be required to undertake a project, which requires the application of knowledge of the region to a business issue.

Courses: BS30, BS39, BS63, BS92, GS40, GS41, GS85, GS86, IF64
Prerequisites: GSN101 or GSN204 or IBN408
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIN403
Campus: GP **Semester:** 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 will be examined, together with intra-regional patterns of trade, commerce and finance. A particular focus will be the development of a single European market and its international implications. Significant economic, political and social factors determining developments will be focussed upon, as well as regulatory restraints governing market access. The student will be required to undertake a project which requires the application of knowledge of the region to a business issue.

Courses: BS30, BS39, BS63, BS92, GS40, GS41, GS85, GS86, IF64
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MIN404
Campus: GP **Semester:** 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 marketplaces. 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: BS64, BS65, BS66
Contact hours: 3 per week **Credit points:** 12
Incompatible with: GSN101, BSN408

Campus: GP **Semester:** 1, 2

► **IBN409 NEGOTIATING ACROSS BORDERS**

Analyses the complex interdependence between cultures, management philosophies, corporate strategies and business negotiations. It is designed to develop skills in negotiating in the international environment, in particular, across different cultures. The unit will also develop managerial communications skills appropriate to, and effective in diverse environments. It will discuss negotiation and management problems; and deal with socio-cultural issues and behaviours which impact upon international firms.

Courses: BS64, BS65, BS66
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 focussing on supply chain management. The unit will introduce traditional and contemporary logistics concepts and describe 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: BS64, BS65, BS66
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 will receive lectures from local academics, briefings from managers working in the country, and participate in industry visits to local and international firms operating in that country. From these activities students will develop an understanding of the country in question and, in particular, the issues, regulations and environmental factors affecting business operations or market entry.

Courses: BS66
Prerequisites: 48 credit points of approved post-graduate study
Contact hours: 3 per week **Credit points:** 24
Campus: GP **Semester:** 1, 3

► **IBN412 INTERNATIONAL BUSINESS INTERNSHIP**

The student is placed in a selected 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. Placements are assigned to match the background, skills and aspirations of the student and the host organisation's expectations of the task content and performance. The assessment is conducted jointly by and academic supervisor and the internship host.

Courses: BS66
Prerequisites: 48 credit points of approved post-graduate study
Credit points: 48
Campus: GP **Semester:** 1, 2

► **IBN421 MARKETING INTERNATIONALLY**

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

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aspects through the development of an extensive international marketing plan.

Courses: BS39, BS64, BS65, BS66

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► IBN426 SPECIAL TOPIC - INTERNATIONAL BUSINESS

An 'open-ended' unit where the opportunity will be available for staff and visiting scholars to offer a specialised program of study.

Courses: BS30, BS39, BS63, BS92, IF64

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIN426

Campus: GP **Semester:** 1, 2, 3

► 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 as well as receiving 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: BS64, BS65, BS66, BS93

Prerequisites: Completion of 48 credit points of approved postgraduate coursework

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

Semester: 1, 3

► 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 through them undertaking a practical investigation of the issues pertaining to doing business in a foreign country. Students will 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 as well as receiving presentations by local and expatriate executives. Students are required to participate in activities both before and after the rip and to develop and present research projects relevant to their own program of study.

Courses: BS64, BS65, BS66, BS93

Prerequisites: Completion of 48 credit points of approved postgraduate coursework

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

Semester: 1, 3

► IBN435 BUSINESS IN AUSTRALIA

This unit will introduce students to the business environment in Australia. Students will 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, BS64, BS65, BS66, GS40,

GS41, GS85, GS86

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MIN435

Campus: GP

Semester: 1, 2, 3

► IFN100 FULL-TIME MASTERS RESEARCH

Provides full-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not less 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

Semester: 1, 2

► IFN101 FULL-TIME MASTERS RESEARCH (EXTENSION)

Provides full-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not less 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: KG and GP

Semester: 1, 2

► IFN200 PART-TIME MASTERS RESEARCH

Provides part-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not less 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: KG and GP

Semester: 1, 2

► IFN201 PART-TIME MASTERS RESEARCH (EXTENSION)

Provides part-time postgraduate research students with study in a relevant area leading to the development of a thesis. The thesis shall be not less 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

Semester: 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 will provide 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, IF79, IF90, IX09

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB410

Campus: GP, CA

Semester: 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 reuse 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 reuse. 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, IF79, IF90

Prerequisites: ITB111

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB411

Campus: GP, CA

Semester: 1, 2

► ITB113 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: IT21, IF29, IF38, IF48, IF58, IF79, IF90

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB412

Campus: GP, CA

Semester: 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 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: IT21, IF29, IF38, IF48, IF58, IF59,

IF79, IF90

Contact hours: 4 per week **Credit points:** 12

Incompatible with: ITB510

Campus: GP, CA

Semester: 1, 2

► ITB115 INTRODUCTION TO DATABASES

Students will learn 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 theory of the design of a new database; 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

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB225

Campus: GP, CA

Semester: 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 should 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; oral, written and visual communication. In addition the unit assists students to understand themselves as a team member and as a self-directed learner 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: GP, CA

Semester: 1, 2

► ITB117 IT PROFESSIONAL STUDIES 2

This unit builds upon the content delivered in ITB116. Interwoven with building a web based software product, you will also continue to develop further skills in team work and a better understanding of group dynamics. Each product will be formally presented and have appropriate documentation. Thus, this unit extends skills in report writing, oral and visual communication and teamwork.

Courses: IT21, IF38, IF48

Prerequisites: ITB116

Contact hours: 4 per week **Credit points:** 12

Incompatible with: KWB010

Campus: GP, CA

Semester: 1, 2

► ITB118 ICT SYSTEMS LIFE CYCLE

Students will be 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 will be 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 will be addressed. Systems architectures and alterna-

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tive approaches to the development of systems will also be considered.

Courses: IT21, IF29, IF38, IF48, IF58, IF79, IF90, IX09

Prerequisites: Successful completion of 24 credit points of IT studies

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB107

Campus: GP, CA **Semester:** 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 and appropriate, timely business applications in organisations.

Courses: IT21, IF38, IF48

Prerequisites: ITB111, ITB115

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB219, ITN218

Campus: GP **Semester:** 1, 2

▶ ITB222 BUSINESS SYSTEMS ANALYSIS

This unit develops basic systems development skills by teaching a methodology and techniques of systems analysis and design. This unit gives an introduction to 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: IT21, IF38, IF48

Prerequisites: ITB111, ITB115

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

▶ ITB223 4GL SYSTEMS

Characteristics of 4GL development environments; Database creation and manipulation in a 4GL environment; Principles of report and screen design; Development of information systems in a 4GL environment.

Courses: IT21, IF38, IF48

Prerequisites: ITB229

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

▶ ITB227 WEB APPLICATIONS

I) Design Elements for Interactive Web Front Ends II) Architecture of web-enabled database applications III) Database Design for web enabled database applications. Working as part of a team, you will develop a fully functional dynamic Web Application.

Courses: IT21, IF38, IF48

Prerequisites: ITB115, ITB117

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

▶ ITB228 ENTERPRISE SYSTEMS

I) ES Management, II) Technical Architecture of SAP R/3 as an exemplar Enterprise System III) A process walk through functional boundaries (spanning FI, MM, PP, CO) IV) The ES Lifecycle V) Implementation Processes VI) Implementation Issues VII) Integration with other systems (legacy and specialist) VIII) Systems Evolution IX) Case Study critique X) Future of Enterprise Systems

Courses: IT21, IF38, IF48

Prerequisites: ITB116

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

▶ ITB229 INFORMATION SYSTEMS MODELLING

Analysing an information model: the static, transition, process and computational views of in-

formation; ORM notation and application; Z notation and application; developing the model; relationship of these skills with other popular and/or proprietary methods such as ER. Practical application to a range of small to large problems.

Courses: IT21, IF38, IF48

Prerequisites: ITB115

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

▶ ITB230 PROJECT

Systems analysis, design and implementation; testing; documentation; communication of results; management of time and resources.

Courses: IF38, IT21

Prerequisites: Completion of at least 72 credit points from the Information Systems major.

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

▶ ITB232 DATABASE SYSTEMS

The unit introduces the theoretical foundations of databases, system implementation techniques, and gives an overview of emerging database technologies and applications. More specifically, it covers: File Organisation and storage; Query Processing and optimisation; Transaction management; Database technology for Decision Support Applications; Enhanced data models for advanced applications such as active, temporal, spatial, multimedia and web databases.

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 **Semester:** 1, 2

▶ ITB233 ENTERPRISE SYSTEMS APPLICATIONS

I) Enterprise Systems Management, The SAP Example, Enterprise Systems Integration, II) The main modules of Enterprise Systems, Accounting (Financial Accounting, Controlling), Human Resource Management, Logistics (Materials Management, Production Planning and Control, Sales and Distribution), Integration of this modules, III) E-Commerce and Customer and Supplier Relationship Management

Courses: IT21, IF38

Prerequisites: IT students: ITB228 ; Business students: BSB112 ; Engineering students: BNB007

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

▶ ITB236 OBJECT-ORIENTED ANALYSIS AND DESIGN

This unit extends the materials in Systems Analysis and Design. It focuses on the dynamic aspects of the Object Model which are required in order to develop complex systems. Object-oriented methodologies and methods are reviewed in order for the student to acquire some understanding of formal systems development. Design issues are then introduced, which covers object design, systems design and data storage. Students are required to complete a real life project using the above techniques.

Courses: IT21, IF48, IT40, IT35, IT45, IT38

Prerequisites: Undergraduate: ITB222; Post-graduate: ITN222

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN236

Campus: GP **Semester:** 1, 2

▶ ITB240 PROJECT (INFORMATION SYSTEMS)

Systems analysis, design and implementation; testing; documentation; communication of results; management of time and resources.

Courses: IT21, IF38, IF48

Prerequisites: Successful completion of at least 72 credit points from the Information Systems Major

Contact hours: 3 for weeks 1 and 2, thereafter by arrangement with Supervisor

Credit points: 12

Campus: GP **Semester:** 1, 2

▶ ITB241 INFORMATION TECHNOLOGY MANAGEMENT

System Selection Processes, Business Process in IT, Change Management, Implementation Issues,

Project Management, Strategic IT, Knowledge Management, 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 **Semester:** 1, 2

▶ ITB243 KNOWLEDGE-BASED SYSTEMS

Propositional and Predicate logic, knowledge representation, AND/OR graphs, semantic consequence, natural deduction, resolution.

Courses: IT21, IF38 **Prerequisites:** ITB229

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN231, ITN243

Campus: GP **Semester:** 1, 2

▶ ITB244 SPECIAL TOPIC 1A (RECORD SYSTEMS)

This unit is designed to allow for the significant development of, or emphasis in, aspects of 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: IT21 **Prerequisites:** ITB266

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN230

Campus: GP **Semester:** 1

▶ 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 then 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:** ITB115

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN245

Campus: GP **Semester:** 1, 2

▶ ITB254 INTERACTIVITY DESIGN

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 **Semester:** 2

▶ ITB256 SPECIAL TOPIC 2A (STRATEGIC TELEWORK)

This unit is designed to allow for the significant development of, or emphasis in, aspects of 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: IT21, IT40, IT35, IT45, IT38

Prerequisites: IT21: ITB116; IT40, IT35, IT45, IT38: TBA

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1

▶ ITB257 MULTIMEDIA SYSTEMS

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 multi-

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media; Combining media; The Future in Multimedia.

Courses: IT21, IF48 **Prerequisites:** ITB227
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITN257
Campus: GP **Semester:** 1, 2

▶ ITB258 ABAP PROGRAMMING

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 **Semester:** 1, 2

▶ ITB259 ADVANCED MULTIMEDIA TECHNOLOGIES

This unit assumes you have an understanding of multimedia technologies, and focuses on integrating and enhancing your knowledge and skill. You 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 **Semester:** 2

▶ ITB260 E-COMMERCE SITE DEVELOPMENT

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 **Semester:** 1, 2

▶ ITB262 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: IT21, IF38
Prerequisites: ITB115, ITB111
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

▶ ITB263 WEB INTELLIGENCE FOR E-COMMERCE

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 **Semester:** 1, 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. Context is provided by examining specific IS consulting practices such as large scale software implementation, systems integra-

tion and development and IS Strategic Planning. 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 **Semester:** 2

▶ ITB265 MANAGEMENT OF INFORMATION PROGRAMS

The application of effective management techniques has become increasingly important in Call Centres, Help Desk Centres, Libraries, IT consultancy firms and other types of information agencies. This unit introduces students to the ways in which generic management principles strategic planning, strategic marketing, principles of leadership, motivation and effective organisational communication amongst other aspects are applied to achieve best practice in contemporary information agencies. Theoretical perspectives and the adoption of a case studies approach are combined to consider practical issues in different types of information agencies.

Courses: IT21 **Prerequisites:** ITB116
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

▶ ITB266 PRINCIPLES OF INFORMATION MANAGEMENT

Characterisation of information management at three levels of interpretation: technical, analytical and strategic. The continuum of information utilisation at the operational level involving, creation, distribution, organisation, retrieval, presentation, disposition. Meta-information standards for information management such as protocols for markup, transfer, organisation and query. Analytical information management focusing on identification and evaluation of enterprise information resources. Strategic information management focusing on planning and administration of resource utilisation. Exploration of the various stages involved in the development of in-house information strategies, policies and systems with reference to information as resource.

Courses: IT21 **Prerequisites:** ITB116
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITN266
Campus: GP **Semester:** 1

▶ ITB267 DATA WAREHOUSING FOR DECISION SUPPORT

Taxonomy of Management Information Systems (FIS, EIS, GIS, MIS etc), Data Driven Decision Support Systems, Building Data Warehouses for Decision Support, Online Analytical Processing (OLAP) Interfaces, Data Mining for Decision Support.

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 **Semester:** 1, 2

▶ ITB268 SPECIAL TOPIC 1B (ADVANCED DATABASES)

This unit is designed to allow for the significant development of, or emphasis in, aspects of 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.

Courses: IT21 **Prerequisites:** ITB115
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

▶ ITB272 INFORMATION TECHNOLOGY PROJECT MANAGEMENT

Project Scoping, 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
Prerequisites: Completion of at least 192 credit points

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

▶ ITB322 INFORMATION RESOURCES

This unit introduces students to the role that information has in establishing competitive success within business. The unit will introduce students to the many and varied information resources available. Students will develop skills in identifying, accessing, evaluating and retrieving information resources to meet specific information needs. Students will also be introduced to the emerging and evolving role of the information professional and the information service within the corporate setting. The unit will help students develop skills in teamwork and oral and written communication.

Courses: IT21, IF38, IF48
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 1, 2

▶ ITB335 DIGITAL LIBRARIES

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; digitisation programs and their management.

Courses: IT21 **Prerequisites:** ITB222
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITN335
Campus: GP **Semester:** 2

▶ ITB337 INFORMATION ORGANISATION 1

Principles and strategies for organising information; the nature of information; theory of indexing and classification; the structure of bibliographic databases and bibliographic records; international standards for information organisation; subject heading lists; library catalogues; indexing and abstracting services; library networks; adopting a client-approach to knowledge organisation; developing personal heuristics for approaching unfamiliar technologies.

Courses: IT21 **Contact hours:** 3 per week
Credit points: 12 **Incompatible with:** ITN337
Campus: GP **Semester:** 1

▶ ITB338 INFORMATION RESOURCE PROVISION

This unit introduces you to the relationship between information resource provision and community information needs. You will analyse and evaluate the various media and formats used to present information content, considering current publishing trends to develop your understanding of the selection and acquisition of information resources for specific types of information agency. Issues relating to the purchase, licensing and retention of print and electronic resources are explored within the context of the dynamic information environment. You will investigate the role of the collection policy documents, collection evaluation techniques, inter-agency resource

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sharing and collaborative purchasing arrangements.

Courses: IT21 **Prerequisites:** ITB116
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITN338
Campus: GP **Semester:** 2

► ITB339 PROFESSIONAL PRACTICE

This unit provides you with the opportunity to spend time in the professional working environment, as well as to explore, through a seminar series, 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 you, as an information professional, can play if you work in these areas. You will be encouraged to consider your own knowledge, skills and abilities as you develop a professional portfolio. You also complete two fieldwork placements of fifteen days each. You will organise your placements, in conjunction with a faculty supervisor.

Courses: IT21 **Prerequisites:** ITB322, ITB337
Contact hours: 2 per week plus 2 x 3 week placements
Credit points: 12 **Incompatible with:** ITN339
Campus: GP **Semester:** 2

► 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 that are aligned with organisational strategies, with a view to achieving organisational goals. It also deals with functions and practices of management that relate to provision of information and knowledge services, and utilisation of technology to support them.

Courses: IT21 **Prerequisites:** ITB266
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► ITB610 SOFTWARE DEVELOPMENT 3

Students continue to develop abstraction, 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. Students will be introduced to the graph abstraction and its implementation and common algorithms will be considered. Students should become fully equipped (except for sufficient experience) to produce medium-scale systems in any modern procedural language, in particular the current industry standard. Software Engineering and Object-Oriented techniques are left to their specific units; however, this unit will help students develop a suitable programming style that is needed to master these techniques in the future.

Courses: IT21 **Prerequisites:** ITB112
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB421
Campus: GP, CA **Semester:** 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 will be placed on using object technology to solve complex problems.

Courses: IT21
Prerequisites: Knowledge of the C Language & Abstract Data Types eg ITB610
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB448, ITN415, ITN661
Campus: GP **Semester:** 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 around the professional team. Furthermore, there is an established awareness of the importance of a disciplined approach to software engineering. This unit will place 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, CA **Semester:** 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, CA **Semester:** 1, 2

► ITB614 PROGRAMMING LANGUAGES

In this unit students will 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 will introduce 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 **Semester:** 1, 2

► ITB616 COMPUTER ARCHITECTURE

This unit forms part of the core of the Software Engineering major of the BIT degree. This 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 introduced. This provides insight into the behaviour of different components of a computer system.

Courses: IT21, IF29, IF59
Prerequisites: ITB113
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB420
Campus: GP, CA **Semester:** 1, 2

► ITB617 CONCURRENT AND DISTRIBUTED SYSTEMS

Operating Systems are fundamental to any computer system. 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. This unit also looks at distributed systems and software (middleware) that are required to support distributed applications. This unit forms part of the Computer Systems specialisation of the Software Engineering major of the Bachelor of Information Technology degree. Completion of this unit will enable you to undertake the final year operating system elective (UNIX Systems Programming & Administration).

Courses: IT21, IF59
Prerequisites: ITB113, ITB610
Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB427

Campus: GP, CA **Semester:** 1, 2

► ITB623 INFORMATION SECURITY

Information is an important asset. IT systems are increasingly used to store, process and exchange information. These information systems are vital but also vulnerable. This unit enables students to identify security issues with information systems whose users range from a single user to those of a large organisation. Students will examine possible countermeasures that they should be aware of, as both a computer user and a computing professional. Students are provided with an overview of information security. This unit is intended as a primer for further studies in information security.

Courses: IT21 **Prerequisites:** ITB114
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB523, ITN523, ITN511, ITB543, ITZ523, ITN582, ITN663
Campus: GP, CA **Semester:** 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 will help students understand the fundamental concepts, processes and operations involved in networking, and also provide a platform for them to undertake other studies in data communication.

Courses: IT21, IF29, IF58, IF59, IF90
Prerequisites: ITB114
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB524, ITN524
Campus: GP, CA **Semester:** 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 is an advanced-level unit, which 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 **Semester:** 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 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 **Semester:** 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 the choices in network design, implementation, and operation which may have a substantial effect on the overlying applications. This unit will give students a detailed view of different networking protocols and implementations.

Courses: IT21
Prerequisites: ITB114, MAB209 or MAB177
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB527, ITN527, ITB538
Campus: GP, CA **Semester:** 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 will expose 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

UNIT SYNOPSES

Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB551
Campus: GP **Semester:** 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 will gain experience with distributed data and intranet client server applications. This unit assumes you 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 you intend studying advanced Data Communications units.

Courses: IT21 **Prerequisites:** ITB112, ITB624
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB529
Campus: GP, CA **Semester:** 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
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB442, ITB463, ITN445, ITB461, ITN461
Campus: GP **Semester:** 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. Hence this unit covers both component technology and networking in component software applications. This unit 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. (Subject to final approval)

Courses: IT21 **Prerequisites:** ITB611
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB466, ITB564
Campus: GP, CA **Semester:** 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 than for standalone PC applications. This unit will provide you 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, you will be 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 **Semester:** 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 **Semester:** 1

▶ ITB644 WINDOWS ADMINISTRATION

Data Communications graduates are expected to possess practical skills in various aspects of the installation and management of network environments, particularly local area networks. This is an advanced-level unit that builds on your prior knowledge of TCP/IP protocols, networking technologies, operating systems and PC hardware. This unit applies and extends this knowledge in the context of Windows Server networking environment.

Courses: IT21 **Prerequisites:** ITB617
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB533, ITB457, ITB470
Campus: GP **Semester:** 2

▶ ITB645 NETWORK SECURITY

IT graduates working in the security industry need to have an understanding of networks and network security, particularly in regards 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
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB569
Campus: GP **Semester:** 2

▶ ITB646 CRYPTOGRAPHIC FUNDAMENTALS

As an IT professional you 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 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 **Semester:** 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, increasing their effectiveness and value as a programmers, and endorsing 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 **Semester:** 1

▶ ITB648 GRAPHICS

This is an elective unit in the BIT degree. Computer graphics is an important part of the IT industry and is used, for example, in advertising, design and entertainment, including CAD systems, simulators and computer games.

Courses: IT21 **Prerequisites:** ITB610
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB441
Campus: GP **Semester:** 2

▶ ITB649 OBJECT MODELLING AND 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 included 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
Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB460

Campus: GP **Semester:** 1

▶ ITB650 COMPUTATIONAL INTELLIGENCE

Increasingly human operators expect that modern computer controlled machinery relieves them from routine control actions, operating decisions, failure diagnostics and maintenance operations. Computational Intelligence methods are an important element in the achievement of this goal and professionals in the area of Infomechatronics require a good working knowledge in this area.

Courses: IT21
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB849
Campus: GP **Semester:** 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
Prerequisites: Completion of 192 credit points of the BIT course
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB447, ITB576
Campus: GP **Semester:** 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
Prerequisites: Completion of 192 credit points of the BIT course
Contact hours: 3 per week **Credit points:** 12
Incompatible with: ITB446, ITB567
Campus: GP **Semester:** 1, 2

▶ ITB823 WEB SITES FOR ELECTRONIC COMMERCE

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 **Semester:** 1

▶ ITB825 ELECTRONIC BUSINESS INFORMATION SYSTEMS

This unit introduces students to information technology in organisations, the way in which information systems technologies support key organisational functions, what information resources are available to them, and 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 **Semester:** 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
Prerequisites: Completion of 72 credit points in Software Engineering
Credit points: 24
Campus: GP **Semester:** 1, 2

UNIT SYNOPSES

► ITB849 INTRODUCTION TO TECHNICAL COMPUTING

This unit will assist 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 **Semester:** 1

► ITB851 ADVANCED TECHNICAL COMPUTING

This unit will introduce 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 will be placed on using object technology to solve complex technical engineering oriented problems.

Prerequisites: ITB849
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► 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 will provide students with a basis for the ongoing development of their programming knowledge and is a prerequisite for the unit Software Development 2.

Courses: IT10
Contact hours: 4 per week **Credit points:** 12
Incompatible with: ITD410
Campus: KG **Semester:** 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 reuse 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 reuse. 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 **Prerequisites:** ITD111
Contact hours: 4 per week **Credit points:** 12
Incompatible with: ITD411
Campus: KG **Semester:** 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
Contact hours: 4 per week **Credit points:** 12
Incompatible with: ITD412
Campus: KG **Semester:** 1, 2, 3

► ITD114 NETWORK TECHNOLOGIES

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
Contact hours: 4 per week **Credit points:** 12
Incompatible with: ITD510
Campus: KG **Semester:** 1, 2, 3

► ITD115 INTRODUCTION TO DATABASES

Students will learn 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 theory of the design of a new database; the basics of designing user-interfaces; 3-level architecture; integrity constraints; security and privacy issues; and transaction processing.

Courses: IT10
Contact hours: 4 per week **Credit points:** 12
Incompatible with: ITD225
Campus: KG **Semester:** 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 should 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; oral, written and visual communication. In addition the unit assists students to understand themselves as a team member and as a self-directed learner by providing effective strategies in each of these domains.

Courses: IT10
Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 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 how to write a research proposal.

Courses: IT28, IT29, IT30, IT35, IT40, IT60, IF49
Prerequisites: ITN110 (corequisite for Honours only) or equivalent
Credit points: 12
Campus: GP **Semester:** 1, 2

► ITN110 PROJECT (HONOURS)

This unit is a research project. Normally, the unit will be followed by an honours dissertation (24 credit points). The unit itself complements ITN100 Research Methodology, and gives students the opportunity to pilot one phase of the proposed research program. This unit allows students to acquire necessary skills in a problem domain, review the applications of other researchers, and to implement a component of the proposed research. The unit also exercises students in preparing a well-written research report.

Courses: IT30 **Prerequisites:** ITN100
Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

► ITN122 DISSERTATION (IS)

Designed to enable a student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT30 **Prerequisites:** ITN100, ITN110
Credit points: 24
Campus: GP **Semester:** 1, 2

► ITN132 DISSERTATION (IS) (PART-TIME)

Designed to enable a part-time student to undertake research work in a particular area of information technology. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT30 **Prerequisites:** ITN100, ITN110
Credit points: 24
Campus: GP **Semester:** 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 Computing Science and Software Engineering, 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 **Semester:** 1, 2

► ITN152 MAJOR PROJECT (IS) PART-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 Computing Science and Software Engineering, 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 (24 per semester in consecutive semesters)
Campus: GP **Semester:** 1, 2

► ITN160 RESEARCH PLAN (MIT BY RESEARCH)

This unit is a research project. Normally, the unit will be followed by a master's thesis (96 credit points). The unit itself complements ITN100, and gives students the opportunity to pilot one phase of the proposed research program. This unit allows students to acquire necessary skills in a problem domain, review the applications of other researchers, and to implement a component of the proposed research. The unit also exercises students in preparing a well-written research report.

Courses: IT60 **Prerequisites:** ITN100
Contact hours: 3 per week **Credit points:** 12

► 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 Computing Science and Software Engineering, 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
Prerequisites: Minimum of 48 credit points in course units

UNIT SYNOPSES

Credit points: 24

Campus: GP

Semester: 1, 2

► **ITN172 PROJECT (IS) (PART-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 Computing Science and Software Engineering, 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

Prerequisites: Minimum of 48 credit points in course units

Credit points: 24 (12 per semester in consecutive semesters)

Campus: GP

Semester: 1, 2

► **ITN200 DATABASE SYSTEMS**

The unit introduces you to: 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

Semester: 1

► **ITN201 ENTERPRISE ARCHITECTURE**

The content of the unit introduces the Zachman enterprise architecture framework as the parent architecture, and then discusses its variations. The enterprise architecture lifecycle is introduced next along with the roles of the enterprise architect. This is followed by an examination of the four principal domains of an enterprise architecture: business architecture; application architecture; technology architecture and the information/data architecture. The related concepts of views (planner, builder, user, designer, etc) are then discussed. From this foundational understanding of the framework, a comparison of existing frameworks is presented by students. The unit closes with a series of guest lectures from industry.

Courses: IT38, IT45

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 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

Semester: 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, emerging technologies as well as social and ethical considerations.

Courses: IT40, IT35, IT45, IT38

Prerequisites: ITN241

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 1, 2

► **ITN222 BUSINESS SYSTEMS ANALYSIS**

To create a useful and useable Information System you must: establish the feasibility of the system; know and analyse the user's require-

ments; specify a suitable user interface; and make sure you use appropriate system development and project management methods. This unit seeks to give you an understanding, and practice in, the use of tools, techniques and methods used in the analysis and development of Information Systems. You will also learn about issues involved in the use of these tools, techniques, and methods, and industry standards which have been developed to assure quality in the development of Information Systems.(subject to final approval)

Courses: IT38, IT45, IT35, IT40

Prerequisites: IT38, IT45: ITN201

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN211

Campus: GP

Semester: 1, 2

► **ITN223 4GL SYSTEMS**

Characteristics of 4GL development environments; Database creation and manipulation in a 4GL environment; Principles of report and screen design; Development of information systems in a 4GL environment.

Courses: IT40, IT35, IT45, IT38

Prerequisites: IT45, IT38: ITN200

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB223

Campus: GP

Semester: 1, 2

► **ITN225 JAVA FOR E-COMMERCE**

This unit covers the following topics: Java concepts; File and database processing; Web applications; and Distributed information systems (subject to final approval)

Courses: IT38, IT45, IT35, IT40

Prerequisites: IT38, IT45: ITN200

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 1

► **ITN227 WEB APPLICATIONS**

I) Design Elements for Interactive Web Front Ends. II) Architecture of web-enabled database applications. III) Database Design for web enabled database applications. Working as part of a team, you will 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

Semester: 1, 2

► **ITN228 ENTERPRISE SYSTEMS**

1) Enterprise System (ES) introduction 2) ES implementation methods 3) ES implementation issues and critical success factors 4) ES risk management 5) ES maintenance 6) ES project management 7)ES benefits realization 8) ES process management 9) ES execution - using SAP R/3 10) Extended ES solutions - Customer relationship management, Supply Chain Management, ES Portals and ES Business Warehouse 11) Striving towards ES success 12) Measuring ES success.

Courses: IT35, IT40, IT38, IT45

Prerequisites: IT38, IT45: ITN201

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 1, 2

► **ITN233 ENTERPRISE SYSTEMS APPLICATIONS**

I) Enterprise Systems Management, The SAP Example, The Enterprise Systems Lifecycle, II) The main modules of Enterprise Systems, Accounting (Financial Accounting, Controlling), Human Resource Management, Logistics (Materials Management, Production Planning and Control, Sales and Distribution), Integration of these modules, III) E-Commerce and Customer Relationship Management

Courses: IT38, IT45, IT35, IT40

Prerequisites: ITN228

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 1, 2

► **ITN235 DISTRIBUTED OBJECT INFORMATION SYSTEMS**

Major topics will include aspects of object orientation, distributed and parallel systems (eg concurrency and performance), the space based programming paradigm, the JavaBoard implementation, and models of distributed object interactions. You will be expected to contribute to the group (and vice versa) through informal discussions of your research projects, from formulation

to final (formal) presentation of research outcomes.

Courses: IT40, IT35

Prerequisites: ITN262

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 2

► **ITN241 INFORMATION TECHNOLOGY MANAGEMENT**

This unit covers the following topics: E-business; System Procurement & Implementation Issues; Project Management; Business Issues with IT, Outsourcing; Disaster Recovery Planning; Knowledge Management; Process Engineering; Change Management; IT Benefits Realisation. (Subject to final approval)

Courses: IT40, IT35, IT45, IT38

Prerequisites: IT45, IT38: ITN201

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN251

Campus: GP

Semester: 1, 2

► **ITN244 SPECIAL TOPIC 1A (RECORD SYSTEMS)**

These units are 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, IT45, IT38

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 2

► **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 then 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

Semester: 1, 2

► **ITN246 MINOR PROJECT 1 (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 a supervisor. A short 20 minute demonstration and/or presentation will be required before the due date for submitting the report in last week of the semester.

Courses: IT40, IT35, IT45, IT38

Prerequisites: 48 credit points in relevant post-graduate units

Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

Credit points: 12

Campus: GP

Semester: 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 a supervisor. A short 20 minute demonstration and/or presentation will be required before the due date for submitting the report in the last week of the semester.

Courses: IT40, IT35, IT45, IT38

Prerequisites: 48 credit points in relevant post-graduate units

Contact hours: By arrangement with the supervisor of the project. Minimum contact should consist of one meeting per week.

Credit points: 12

Campus: GP

Semester: 1, 2

► **ITN252 PROCESS ENGINEERING**

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;

UNIT SYNOPSES

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 **Semester:** 1, 2

▶ ITN253 CASE STUDIES IN ENTERPRISE SYSTEMS

Industry projects which relate to: Information system selection; process engineering; outsourcing; implementation issues (such as business process reengineering, benefits realisation and change management), alignment issues, relationship management.

Courses: IT35, IT40, IT38, IT45

Prerequisites: ITN252

Corequisites: ITN228, ITN233

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN282

Campus: GP **Semester:** 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. Content will be drawn from existing scientific literature and more recent research carried out in the Information Systems Management Research Group (ISMRG) at QUT.

Courses: IT38, IT45, IT35, IT40

Prerequisites: ITN241 or ITN266

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1

▶ ITN257 MULTIMEDIA SYSTEMS

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 **Semester:** 1, 2

▶ ITN259 ADVANCED MULTIMEDIA SYSTEMS

This unit extends your 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 you 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 **Semester:** 1, 2

▶ ITN260 E-COMMERCE SITE DEVELOPMENT

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 **Semester:** 1, 2

▶ 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 **Semester:** 1, 2

▶ ITN263 WEB INTELLIGENCE FOR E-COMMERCE

The notions of autonomous agents, 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, clustering algorithms for Web usage mining, text mining, statistical approaches for users' profiling, automated negotiation methods.

Courses: IT38, IT45, IT35, IT40

Prerequisites: Basic knowledge in sets, functions, and predicates; and basic Java 2 programming skill

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

▶ ITN265 MANAGEMENT OF INFORMATION PROGRAMS

The application of effective management techniques has become increasingly important in Call Centres, Help Desk Centres, Libraries, IT consultancy firms and other types of information agencies. This unit introduces students to the ways in which generic management principles strategic planning, strategic marketing, principles of leadership, motivation and effective organisational communication amongst other aspects are applied to achieve best practice contemporary information agencies. Theoretical perspectives and the adoption of a case studies approach are combined to consider practical issues in different types of information agencies.

Courses: IT25

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB265

Campus: GP **Semester:** 1

▶ ITN266 PRINCIPLES OF INFORMATION MANAGEMENT

Characterisation of information management at three levels of interpretation: technical, analytical and strategic. The continuum of information utilisation at the operational level involving, creation, distribution, organisation, retrieval, presentation, disposition. Meta-information standards for information management such as protocols for markup, transfer, organisation and query. Analytical information management focusing on identification and evaluation of enterprise information resources. Strategic information management focusing on planning and administration of resource utilisation. Exploration of the various stages involved in the development of in-house information strategies, policies and systems with reference to information as resource.

Courses: IT25, IT40, IT35, IT45, IT38

Prerequisites: IT45, IT38; ITN201

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB266

Campus: GP **Semester:** 1, 2

▶ ITN268 SPECIAL TOPIC 1B

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

▶ 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

▶ ITN272 INFORMATION TECHNOLOGY PROJECT MANAGEMENT

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 **Semester:** 1, 2

▶ ITN282 CASE STUDIES IN ENTERPRISE WIDE SYSTEMS

This unit seeks to develop consultancy skills in SAP implementation through applying recognised research methods to a SAP implementation issue. The research objective or consultancy project is to be completed in ITN282 Research Project in Enterprise Wide Systems. Topics covered in this unit depend on the interest of the student, but will most likely come from: System Selection Processes, Process Engineering, Outsourcing, Implementation Issues (such as Business Process Reengineering, Benefits Realisation and Change Management), Alignment Issues, Relationship Management

Courses: IT50, IT93

Prerequisites: ITN283 or ITN286

Credit points: 12

Incompatible with: ITN253 **Semester:** 1

▶ ITN283 ISSUES IN INFORMATION TECHNOLOGY MANAGEMENT

I) ES Management, II) Technical Architecture of SAP R/3 as an exemplar Enterprise System, III) A process walk through functional boundaries (spanning FI, MM, PP, CO), IV) The ES Lifecycle, V) Implementation Processes, VI) Implementation Issues, VII) Case Study critiques, and VIII) Future of Enterprise Systems

Courses: IT50, IT93

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN251 **Semester:** 1

▶ ITN284 PROJECT IN ENTERPRISE SYSTEMS

I) Case study processes, II) Writing a literature review III) Undertaking analysis, and IV) Writing a case study

Courses: IT50, IT93

Prerequisites: ITN283 or subject to approval of Course Coordinator

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1

▶ ITN330 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: IT38, IT45

Prerequisites: To have completed units in programming, rational database theory and systems analysis and design techniques

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB330

Campus: GP **Semester:** 1, 2

▶ ITN335 DIGITAL LIBRARIES

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; digitisation programs and their management.

UNIT SYNOPSES

Courses: IT25 **Contact hours:** 3 per week
Credit points: 12 **Incompatible with:** ITB335
Campus: GP **Semester:** 2

► ITN336 INFORMATION SOURCES 1

This unit introduces you to the field of reference work in libraries and information centres. Given the proliferation of information available in print, in bibliographic databases and on the World Wide Web, you will develop an critical understanding of the range of information resources currently available. You will also consider how future trends in publishing may impact on reference and information services. Specifically, you will explore and evaluate primary, secondary and tertiary levels of resources covering a variety of disciplines and interest areas.

Courses: IT25 **Contact hours:** 3 per week
Credit points: 12
Campus: GP **Semester:** 1

► ITN337 INFORMATION ORGANISATION 1

Principles and strategies for organising information; the nature of information; theory of indexing and classification; the structure of bibliographic databases and bibliographic records; international standards for information organisation; subject heading lists; library catalogues; indexing and abstracting services; library networks; adopting a client-approach to knowledge organisation; developing personal heuristics for approaching unfamiliar technologies.

Courses: IT25 **Contact hours:** 3 per week **Credit points:** 12
Incompatible with: ITB337
Campus: GP **Semester:** 1

► ITN338 INFORMATION RESOURCES PROVISION

This unit introduces you to the relationship between information resource provision and community information needs. You will analyse and evaluate the various media and formats used to present information content, considering current publishing trends to develop your understanding of the selection and acquisition of information resources for specific types of information agency. Issues relating to the purchase, licensing and retention of print and electronic resources are explored within the context of the dynamic information environment. You will investigate the role of the collection policy documents, collection evaluation techniques, inter-agency resource sharing and collaborative purchasing arrangements.

Courses: IT25 **Contact hours:** 3 per week **Credit points:** 12
Incompatible with: ITB338
Campus: GP **Semester:** 2

► ITN339 PROFESSIONAL PRACTICE

This unit provides you with the opportunity to spend time in the professional working environment, as well as to explore, through a seminar series, 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 you, as an information professional, can play if you work in these areas. You will be encouraged to consider your own knowledge, skills and abilities as you develop a professional portfolio. You also complete two fieldwork placements of fifteen days each. You will organise your placements, in conjunction with a faculty supervisor.

Courses: IT25 **Prerequisites:** ITN336, ITN337
Contact hours: 2 per week, plus 2 x 3 week placements
Credit points: 12 **Incompatible with:** ITB339
Campus: GP **Semester:** 2

► ITN347 INFORMATION MANAGEMENT PROJECT 1

Students may pursue a specialised area or broaden their knowledge in areas of relevance to their employment. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT35, IT40, IT38, IT45, IT25

Prerequisites: Completion of Block 1 units, ITN343

Credit points: 12

Campus: GP

Semester: 1, 2

► ITN348 INFORMATION MANAGEMENT PROJECT 2

Students may pursue a specialised area or broaden their knowledge in areas of relevance to their employment. Topic is decided by agreement between the student and a supervising staff member.

Courses: IT25, IT45, IT38, IT40, IT35

Prerequisites: Completion of Block 1 units and ITN343

Credit points: 12

Campus: GP

Semester: 1, 2

► ITN361 INFORMATION USER INSTRUCTION

This unit introduces students to principles and techniques for designing, implementing and evaluating instruction which will enhance their client's ability to work within contemporary information environments. Different approaches to information literacy and information literacy education will be considered, and ways of conceiving teaching and learning will be explored.

Courses: IT25 **Prerequisites:** ITN336, ITN337

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 2

► 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 will provide 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. (Subject to final approval)

Courses: IT38, IT45

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN410

Campus: GP

Semester: 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. (Subject to final approval)

Courses: IT38, IT45

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN412

Campus: GP

Semester: 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 will provide students with a repertoire of algorithms and concepts, enabling them to develop or maintain computationally efficient software systems. (Subject to final approval)

Courses: IT40, IT35, IT45, IT38

Prerequisites: IT45/38: ITN600

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN414

Campus: GP

Semester: 1, 2

► ITN661 OBJECT ORIENTED PROGRAMMING

Object-orientation is one of the most successful paradigms for analysis, design and implementation of software systems. As a graduate from a course in Information Technology you 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. (Subject to final approval)

Courses: IT45, IT38, IT40, IT35

Prerequisites: IT45, IT38: ITN600

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB448, ITN415, ITN481

Campus: GP

Semester: 1, 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 will introduce 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

Semester: 1, 2

► ITN663 INFORMATION SECURITY MANAGEMENT

Information is an important asset. IT systems are increasingly used to store, process and exchange information. These information systems are vital but also vulnerable. This unit enables students to identify security issues with information systems whose users range from a single user to larger organisations. Students will examine possible countermeasures that they should be aware of, as both a computer users and as computing professionals. Students are provided with an overview of information security, and are introduced to security topics that are covered in greater detail in subsequent course units. (Subject to final approval)

Courses: IT45, IT38, IT40, IT35

Prerequisites: IT38, IT45: ITN601

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB623, ITB523, ITN523, ITZ523, ITB543, ITN511

Campus: GP

Semester: 1, 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. (Subject to final approval)

Courses: IT40, IT35, IT45, IT38

Prerequisites: IT45, IT38: ITN601

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN427, ITN484

Campus: GP

Semester: 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 which is currently used in industry, and 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. As this unit relies on students already having a solid

UNIT SYNOPSES

understanding of the fundamentals of computer systems and networks. (Subject to final approval)

Courses: IT45, IT38, IT40, IT35

Prerequisites: IT45, IT38, ITN601

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN525

Campus: GP **Semester:** 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. (Subject to final approval)

Courses: IT45, IT38, IT40, IT35

Prerequisites: IT45, IT38, ITN600, ITN601

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN524

Campus: GP **Semester:** 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. (Subject to final approval)

Courses: IT40, IT35, IT45, IT38

Prerequisites: ITN663

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN567, ITN584

Campus: GP **Semester:** 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 specialised 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 **Semester:** 2

► ITN673 COMPUTER FORENSICS

This unit focuses on the principles, which 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 you should have already achieved a sound foundation in computer software, computer communications, and computer security thus enabling you to relate to the principles and practice of computer forensics, which builds on that foundation.

Courses: IT35, IT40, IT38, IT45

Prerequisites: ITN663, ITN600, ITN667

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 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 you to further develop your software development skills and put into practice the knowledge acquired in more theoretical units.

Courses: IT38, IT45, IT35, IT40

Prerequisites: 48 credit points in relevant postgraduate units

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN446, ITN576

Campus: GP **Semester:** 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 you to further develop your software development skills and put into practice the knowledge acquired in more theoretical units

Courses: IT38, IT45, IT35, IT40

Prerequisites: 48 credit points in relevant postgraduate units

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

► ITN676 SOFTWARE QUALITY MANAGEMENT

The modern software development industry recognizes 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 **Semester:** 2

► ITN677 INTERNATIONALISATION OF SOFTWARE

Software is now a global market, and developers need to be able to produce applications which can be used in many different cultures and nations. There is a significant body of enabling technology which allows efficient and cost effective development of applications which 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 **Semester:** 1

► ITN678 PROJECT (SEDC) - FT

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: IT35, IT40

Prerequisites: 48 credit points in relevant postgraduate units

Credit points: 24

Incompatible with: ITN164, ITN165

Campus: GP **Semester:** 1, 2

► ITN679 PROJECT (SEDC) - PT

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: IT35, IT40

Prerequisites: 48 credit points in relevant postgraduate units

Credit points: 24

Incompatible with: ITN174, ITN175

Campus: GP **Semester:** 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 and research into this exciting new area. (Subject to final approval)

Courses: IT35/IT40

Prerequisites: ITN262

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 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 you to identify the essential features of such trusted security design and evaluation. You 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 **Semester:** 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 **Semester:** 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. (Subject to final approval)

Courses: IT40, IT35

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN464

Campus: GP **Semester:** 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 company to maintain profitability.

Courses: IT35, IT40

Prerequisites: ITB640

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN447

Campus: GP **Semester:** 1

► ITN685 MAJOR PROJECT (SEDC) - FT

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.

UNIT SYNOPSES

Courses: IT35, IT40

Prerequisites: ITN100, 84 credit points in relevant postgraduate units

Credit points: 48

Incompatible with: ITN144, ITN145

Campus: GP

Semester: 1, 2

► ITN686 MAJOR PROJECT (SEDC) - PT

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: IT35, IT40

Prerequisites: ITN100, 84 credit points in relevant postgraduate units

Credit points: 48

Incompatible with: ITN154, ITN155

Campus: GP

Semester: 1, 2

► ITX001 COOPERATIVE EDUCATION PROGRAM

This unit introduces you to an IT workplace through a paid placement, normally of approximately twelve months duration. Through this placement you will gain a valuable insight into the role of an IT professional and the demands of the workplace. The unit is positioned in your course to build on the campus-based theoretical and practical experiences in the IT disciplines and provides you with a basis to make an informed choice as to the remaining units to complete in your course. Not available to International students due to visa restrictions. (Subject to final approval)

Courses: IT21, IF29, IF38, IF48, IF58, IF59, IF79, IF90, IX09, IT45

Credit points: 12 **Incompatible with:** ITB906

Campus: GP

Semester: 1, 2

► ITZ211 SYSTEMS ANALYSIS AND DESIGN

Systems Development Life Cycle, Systems Development Methods, Information Gathering, Process and Data Modelling, Automated Tools, Design techniques and Guidelines, Prototyping, Quality Assurance in information systems.

Courses: IT34 (Offshore offering)

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITB222, ITN211, ITB321

Semester: 1

► ITZ212 INFORMATION MODELLING FOR DATABASES

A database system may be viewed as a computer model that is composed of complex, long-lived information structures. This unit introduces the idea that, to be properly understood, a computer model must be formally specified. A specification language, in the form of the Z notation, is used to formulate unambiguous requirements for an information model. The entity-relationship (ER) approach is used to provide a graphical perspective on the model, which will be implemented via SQL. This is a foundation unit for the further study of database and information systems theory and practice.

Courses: IT34 (Off-Shore Offering)

Contact hours: 3 per week **Credit points:** 12

Incompatible with: ITN212, ITB212

Semester: 2

► ITZ600 PROGRAMMING PRINCIPLES

As an Information Technology student you will need a fundamental knowledge of programming and an understanding of the processes and issues involved in the development of software. When you graduate, you will most likely be required to work with programmers at some time in your career; therefore you need to understand the challenges and constraints that arise in the software development process. This unit will provide you 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: IT42 (Offshore offering)

Credit points: 12

Semester: 1

► ITZ601 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 you 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: IT42 (Offshore offering)

Credit points: 12

Semester: 1

► 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

Semester: 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

Semester: 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 you to the concepts of law and government. It examines the role of government in making and administering the law and encourages you to start thinking critically and analytically about legal, political and justice issues. Law and government provides those of you who intend to work in the justice system with a foundation framework of key legal and political information and knowledge. You will use this knowledge throughout your studies and in your future professional careers.

Courses: JS31

Contact hours: 3 per week **Credit points:** 12

Incompatible with: JSB103, JSB013

Campus: KG, EXT

Semester: 1

► 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, as 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

Semester: 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

Semester: 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

Semester: 2

► JSB137 POLITICS OF LAW

In the Politics of Law you will develop your knowledge and understanding of legal and criminal justice processes. This knowledge is important because it will inform your study in other units in the course and equip you with the necessary understandings to enter employment in the Justice System. The unit will also provide you with knowledge necessary to act responsibly as an informed citizen in Australian society. In addition to an understanding of criminal justice related issues, this unit helps you to build on your 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

Semester: 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

Semester: 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

Semester: 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 man-

agement 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 **Semester:** 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? We need to study the philosophical and ideological evolution of probation, parole and other alternative sanctions if we are 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 **Semester:** 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 **Semester:** 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 **Semester:** 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 **Semester:** 2

► **JSB251 POLICY, GOVERNANCE AND JUSTICE**

Many important public policies concern issues of law and justice. As justice professionals, you may very likely be involved in your future careers in the development, analysis or implementation of criminal and social justice policies. Your involvement may be directly through government or through the community sector and interest groups. A theoretical and practical understanding of good policy making and the role of law and policy in governance will be a distinct advantage for both your career and citizenship roles.

Courses: JS31, LW41, LW42

Contact hours: 3 per week **Credit points:** 12

Incompatible with: JSB081

Campus: KG, EXT **Semester:** 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 **Semester:** 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 **Semester:** 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, less 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 **Semester:** 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 **Semester:** 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 **Semester:** 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 will provide 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 **Semester:** 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 **Semester:** 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 **Semester:** 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

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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, and 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

Semester: 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 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: JS31, LW42, LW41

Contact hours: 3 per week **Credit points:** 12

Campus: KG, EXT

► 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. An understanding of the theoretical and practical frameworks of human rights norms and their influence in global justice, eg our contribution to international treaties such as the greenhouse gas protocol.

Courses: ED50, JS31, LW41, LW42

Contact hours: 3 per week **Credit points:** 12

Incompatible with: JSB314, JSB084

Campus: KG, EXT

Semester: 2

► JSB405 JUSTICE ORGANISATIONS

In justice organisations, whether they are government or non-government, dynamics operate that mark the organisation as more or less effective, efficient or accountable. The culture of a particular organisation underpins much of what occurs both internally and in its external relationships. The dynamics and the culture can be understood from a variety of perspectives. It is important that serving professionals or those seeking entry into such organisations have some understanding of the issues that impact on organisational culture and attitudes as it relates to justice organisations.

Courses: JS40 **Contact hours:** 3 per fortnight

Credit points: 12

Campus: KG

Semester: 1

► 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: GP, EXT

Semester: 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 their 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

Semester: 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 an opportunity to acquire these skills in a supportive and collegiate atmosphere.

Courses: JS40 **Contact hours:** 3 per fortnight

Credit points: 12

Campus: KG

Semester: 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

Credit points: 12

Incompatible with: JSB404

Campus: KG

Semester: 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

Semester: 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: JSB414/1, JSB414/2

Credit points: 12 **Incompatible with:** JSB407

Campus: KG

Semester: 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: JSB414/1, JSB414/2, JSB414/3

Credit points: 12 **Incompatible with:** JSB408

Campus: KG

Semester: 2

► JSB931 INDEPENDENT STUDY

In the course of their 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

Contact hours: 3 per week **Credit points:** 12

Incompatible with: JSB312, JSB092

Campus: KG, EXT

Semester: 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 you with the knowledge, understanding and skill needed to work effectively as a professional in the Justice system. You will 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 will also help you to develop the professional and interpersonal skills necessary for you 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

Semester: 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

Semester: 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

Semester: 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

Semester: 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

Semester: 2

► 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 evi-

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dence 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

Campus: KG, EXT **Semester:** 2

► JSN001 THEORIES OF JUSTICE 1

Centrally concerned with and/or 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, LW51

Contact hours: 2 per week **Credit points:** 12

Incompatible with: JSB411, LWN040

Campus: GP, EXT **Semester:** 1

► JSN005 THEORIES OF JUSTICE 2

Extends and develops the framework introduced in Theories of Justice I. The focus of the unit is on the interface between public policy and the Law as an instrument of social transformation in a Liberal Democratic Society. Initially, the unit explores the development of emotional and moral reasoning as a backdrop to the larger analysis of various public policies. The unit provides the opportunity for students to carry out advanced research into various justice models and their implications/applications as well as to produce a range of evaluative criteria against which to judge the degree of 'justice' in relation to a particular social problem within the realm of legal and public policy.

Courses: JS51, LW51

Prerequisites: JSN001 or LWN040 or JSB411

Contact hours: 2 per week **Credit points:** 12

Incompatible with: LWN042

Campus: KG, EXT **Semester:** 2

► JSN006 INDEPENDENT STUDY 1

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

Contact hours: 2 per week **Credit points:** 12

Campus: KG, EXT **Semester:** 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

Contact hours: 2 per week **Credit points:** 12

Campus: KG, EXT **Semester:** 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, LW51

Contact hours: Intensive delivery

Credit points: 12 **Incompatible with:** LWN135

Campus: GP

► 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, specifically: the nature, roles of intelligence, counterintelligence and security; laws and other instruments which protect individuals and their activities against unlawful intelligence and security actions and operations; human rights issues; perspectives of public and private morality; and, the media's right to disclose intelligence and security matters.

Courses: JS51

Contact hours: 3 per week **Credit points:** 12

Campus: EXT **Semester:** 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 focussing reporting and examines the specific needs of client groups. Finally, it looks at the processes to develop appropriate intelligence products.

Courses: JS51

Contact hours: 3 per week **Credit points:** 12

Campus: EXT **Semester:** 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 will offer 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

Contact hours: 3 per week **Credit points:** 12

Incompatible with: JSB933 **Campus:** KG

► 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 **Semester:** 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

Incompatible with: JSP132, JSB231

Campus: KG, EXT **Semester:** 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 will discuss crime prevention strategies that are broader than the traditional criminal justice response as well as explore the appropriateness or otherwise of blanket responses to crime. Finally, it will consider 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

Incompatible with: JSP133, JSB333

Campus: KG, EXT **Semester:** 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

Contact hours: 3 per week **Credit points:** 12

Incompatible with: JSP134, JSB332

Campus: KG, EXT **Semester:** 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 you with knowledge and understanding of organised crime activities. You will gain an understanding of 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: JS51

Contact hours: 3 per week **Credit points:** 12

Incompatible with: JSP141, JSP053, JSB342

Campus: KG, EXT **Semester:** 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 which distinguish them from more traditional crimes mean that reliance on traditional law enforcement techniques and powers will usually be an inadequate response. Lawyers, investigators and intelligence and financial analysts wishing to work 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 will develop such an understanding by analysing the statutory powers and examining creative and innovative strategic methods of applying these tools.

Courses: JS51

Campus: KG, EXT

Credit points: 12

Semester: 1

UNIT SYNOPSES

► 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 you 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

Contact hours: 3 per week **Credit points:** 12
Campus: KG, EXT **Semester:** 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. 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

Campus: KG, EXT **Credit points:** 12
Semester: 2

► JSN151 POLICY, GOVERNANCE AND JUSTICE

This unit will enable you 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. You will gain tools for participating in policy development processes in both the public and community sectors.

Courses: JS51

Incompatible with: JSP151, JSB251
Campus: KG, EXT **Credit points:** 12
Semester: 1

► JSN152 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. 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

Courses: JS51

Incompatible with: JSB351, JSP152
Campus: KG, EXT **Credit points:** 12
Semester: 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. The aim of this unit is to provide you 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

Incompatible with: JSB253, JSP153
Campus: KG, EXT **Credit points:** 12
Semester: 2

► JSN154 HUMAN RIGHTS AND GLOBAL JUSTICE

The aim of this unit is to provide you 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 you to enhance your contribution as a justice professional. You will also gain a critical perspective on these matters that will allow you to understand and apply the constraints and guidance provided by international human rights norms.

Courses: JS51

Incompatible with: JSB084, JSP084, JSP154, JSB353

Campus: KG, EXT

Semester: 2

► JSN161 FUNDAMENTALS OF INTELLIGENCE

Intelligence analysts are increasingly 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: JS51

Credit points: 12

Campus: EXT

Semester: 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

Semester: 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 you 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: JS51

Credit points: 12

Incompatible with: JSP163

Campus: EXT

Semester: 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 will be 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: JS51

Credit points: 12

Incompatible with: JSP164

Campus: EXT

Semester: 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, JS27

Credit points: 12

Incompatible with: JSN131, JSP041, JSB041, JSB232

Campus: KG, EXT

Semester: 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, JS27

Credit points: 12

Incompatible with: JSN132, JSB231

Campus: KG, EXT

Semester: 1

► JSP133 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 will discuss crime prevention strategies that are broader than the traditional criminal justice response as well as explore the appropriateness or otherwise of blanket responses to crime. Finally, it will consider 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, JS27

Credit points: 12

Incompatible with: JSN133

Campus: KG, EXT

Semester: 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, JS27

Credit points: 12

Incompatible with: JSN134, JSB332

Campus: KG, EXT

Semester: 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, iden-

tity 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 you with knowledge and understanding of organised crime activities. You will gain an understanding of 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, JS29 **Credit points:** 12
Incompatible with: JSN141, JSP053, JSB053, JSB342

Campus: KG, EXT **Semester:** 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 which distinguish them from more traditional crimes mean that reliance on traditional law enforcement techniques and powers will usually be an inadequate response. Lawyers, investigators and intelligence and financial analysts wishing to work in this expanding field need an understanding of these new powers and an appreciation of the different strategies and conceptualizations needed to combat organized crime and corruption. This unit will develop such an understanding by analysing the statutory powers and examining creative and innovative strategic methods of applying these tools.

Courses: JS25, JS29 **Credit points:** 12

Incompatible with: JSN142

Campus: KG, EXT **Semester:** 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, JS29 **Credit points:** 12

Incompatible with: JSN143

Campus: KG, EXT **Semester:** 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. Secondly, to understand how these new powers can be more effectively exercised.

Courses: JS25, JS29 **Credit points:** 12

Incompatible with: JSN144

Campus: KG, EXT **Semester:** 2

► **JSP151 POLICY, GOVERNANCE AND JUSTICE**

This unit will enable you 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. You will 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 **Semester:** 1

► **JSP152 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. 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 **Semester:** 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 **Semester:** 2

► **JSP154 HUMAN RIGHTS AND GLOBAL JUSTICE**

The aim of this unit is to provide you 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 you to enhance your contribution as a justice professional. You will also gain a critical perspective on these matters that will allow you to understand and apply the constraints and guidance provided by international human rights norms.

Courses: JS25, JS28 **Credit points:** 12

Incompatible with: JSN154, JSP084, JSB084, JSB353

Campus: KG, EXT **Semester:** 2

► **JSP161 FUNDAMENTALS OF INTELLIGENCE**

Intelligence analysts are increasingly 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 **Semester:** 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 **Semester:** 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 you 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 **Semester:** 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 principal focus will be 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 **Semester:** 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 **Semester:** 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, IF27

Contact hours: 3 per week **Credit points:** 12

Semester: 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 will examine aspects of broadcasting, magazines and publishing, popular music, film, the Internet and games industries, from social, industrial and cultural perspectives. You will be involved in discussion of current issues and media features.

Courses: KC32, IF09, IF10, IF27

Contact hours: 3 per week **Credit points:** 12

Campus: KG **Semester:** 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 globalisa-

tion 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 will provide 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

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 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, CI Open Elective

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 will examine political campaigns in Australia and internationally as students will 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 will also look at how survey research helps the planning and development of political campaigns, and students will be involved in developing a political campaign strategy.

Courses: KC32, KK32, IF09, IF10, IF27

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 will involve 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 will carry out research using some of these methods, analyse the results and present their conclusions and recommendations.

Courses: KC32, IF09, IF10, IF27

Prerequisites: KCB150

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 1

► **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 will 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

Prerequisites: 96 credit points of prior study

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 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 cultural, economic and political impacts of new media technologies.

Courses: KC32, IF09, IF10, IF27, CI Open

Elective

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 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: KK32, IF09, IF10, IF27

Prerequisites: 96 credit points of undergraduate study.

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KCB351 MEDIA AND COMMUNICATIONS INDUSTRY PLACEMENT 1**

This unit involves students applying the conceptual knowledge, research techniques and project management skills acquired during their degree to a specific project or projects on behalf of a media and communications organisation. Working in teams and in conjunction with a nominated media and communications organisation students will develop, implement and report on a project or series of projects for that organisation. This unit may be taken individually in order to develop a small-scale project over the course of a semester, or it may be taken in conjunction with Media and Communications Industry Placement 2 to develop a larger scale project(s) over the course of one or two semesters.

Courses: KC32, IF10, IF27

Prerequisites: 144 credit points of undergraduate Creative Industries study

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KCB352 MEDIA AND COMMUNICATIONS INDUSTRY PLACEMENT 2**

This unit involves students applying the conceptual knowledge, research techniques and project management skills acquired during their degree to a specific project or projects on behalf of a media and communications organisation. Working in teams and in conjunction with a nominated media and communications organisation students will develop, implement and report on a project or series of projects for that organisation. This unit is taken as an extension of Media and Communication Industry Placement 1 (either in separate semesters or concurrently) to develop a larger scale project(s) over the course of one or two semesters.

Courses: IF09

Prerequisites: 144 credit points of undergraduate Creative Industries study

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **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, you will undertake an overview of the creative industries as a major element of the global knowledge economy. You will 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. Such issues are central to those involved in the creative industries as professional practitioners.

Courses: IF01, IF02, IF03, IF04

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KCP110 GLOBAL MEDIA AND COMMUNICATION 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 will equip you 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 **Semester:** 1

► **KCP295 VIRTUAL CULTURES**

New media communications technologies such as the Internet have opened many opportunities for extended participation and development of online cultures, with new forms of interaction, community-building, the development of shared interests and collective action on at a global scale being 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: K135, K136, K143

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 historical development of technologies; different understandings of digital culture; the impact of new

UNIT SYNOPSES

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; and the legal, regulatory and policy issues arising from the development of new media technologies.

Courses: IF01, IF02, IF03, IF04, KI36, KI43
Prerequisites: 96 credit points undergraduate study in Creative Industries; GPA >5
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KCP348 APPLIED MEDIA COMMUNICATION

Networks of industry and professional association are extremely important in media and communication industries. In this unit you will extend and apply your 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 you will 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 **Semester:** 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 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 **Semester:** 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
Prerequisites: 96 credit points of undergraduate study in Creative Industries
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 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 you to extend your analysis 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
Prerequisites: 96 credit points of undergraduate study in Creative Industries
Contact hours: 3 per week **Credit points:** 24
Campus: KG **Semester:** 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
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► 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 how creative advertisers use these media principles for creating effective ads; the media influence in the creative process; how to present concepts for each medium; and the roles, steps and components of creative advertising production. Through this process, students expand their understanding of and skills in developing ads for the key electronic and print mediums.

Courses: IF94, IF95, IF96
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KDB106 DANCE ANALYSIS

Study of the analysis of dance through a concentration on the dance as text; a study of various historical contexts of dance as art.

Courses: CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KDB114 AUSTRALIAN DANCE

A study of the ritual, artistic and social functions of dance in contemporary Australian society.

Courses: CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KDB117 DANCE IN EDUCATION

A practical introduction to philosophies and practices in dance education. The areas of choreography, performance and appreciation will be explored as students develop basic teaching and reflective practice skills. Appropriate for students planning to teach dance in the primary, secondary, community or studio context.

Courses: IF75, IF76, IF77, IF78, KD32, KT32, IX05, IX06, ED51, ED53, ED91, ED96
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KDB125 DECONSTRUCTING DANCE IN HISTORY

A study of various historical contexts of dance as art; Focus on romanticism, classicism, modernism and postmodernism.

Courses: CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KDB158 DANCE AND TECHNOLOGY 1

Modes of choreographic communication: discussion of aesthetic questions that have emerged out of the last major choreographic movements; 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 **Semester:** 1

► KDB159 DANCE AND TECHNOLOGY 2

Major choreographic project for public performance. Exploration of aesthetic and artistic values in collaborative processes of making new work with technology.

Courses: KD25, KD32 **Prerequisites:** KDB158
Contact hours: 1 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KDB171 THEATRE DANCE STYLES

Character, jazz and tap styles - essential steps and various combinations.

Courses: KD15, IX05, KD25, KD32
Contact hours: 4.5 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KDB172 WORLD DANCE

Exposure to a range of culturally specific dance styles through practical workshops; a theory component providing contextual background to the styles taught.

Courses: CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KDB176 POPULAR DANCE STYLES

History and sociology of jazz and popular dances; examination of dance in musical theatre and other commercial contexts; basic technique and steps in a range of jazz and popular dance styles.

Courses: CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KDB180 DANCE TECHNIQUE STUDIES 1

IX05 course code: 3 ballet classes and 2 contemporary classes per week for the first half of the semester. 3 contemporary and 2 ballet classes per week for the second half of the semester; plus 1 alignment class per week. KD15, KD25, KD32 course codes: 4 ballet and 4 contemporary classes plus 1 pas de deux per week.

Courses: IX05, KD25, KD32, KD15
Contact hours: IX05: 9 per week; KD15, KD25, KD32: 13.5 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KDB181 DANCE TECHNIQUE STUDIES 2

IX05, KD32 course codes: 4 ballet classes per week plus Performing Reflective Practice component with online tutorials. KD15, KD25 course codes: 4 ballet and 4 contemporary classes plus 1 duo class per week.

Courses: IX05, KD25, KD32, KD15
Contact hours: IX05, KD32: 6 per week; KD15, KD25: 13.5 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KDB182 DANCE TECHNIQUE STUDIES 3

IX05, KD32 course codes: 4 contemporary classes per week plus one alignment class per week. KD15, KD25 course codes: 4 ballet and 4 contemporary classes plus 1 pas de deux class per week.

Courses: IX05, KD25, KD32, KD15
Contact hours: IX05, KD32: 7.5 per week; KD15, KD25: 13.5 per week **Credit points:** 12

Campus: KG Semester: 1

► **KDB183 DANCE TECHNIQUE STUDIES 4**

IX05, KD32 course codes: 4 contemporary classes per week plus Teaching Reflective Practice component with online tutorials. KD15, KD25 course codes: 4 ballet and 4 contemporary classes plus 1 duo class per week.

Courses: IX05, KD25, KD32, KD15

Contact hours: IX05, KD32: 6 per week; KD15, KD25: 13.5 per week

Credit points: 12

Campus: KG Semester: 2

► **KDB189 DANCE ASSESSMENT AND REPORTING PROCEDURES**

Relates current theoretical issues in assessment to the unique challenges of dance assessment. Students will 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 Semester: 1, 2

► **KDB190 PROFESSIONAL PRACTICE AND BUSINESS ADMINISTRATION FOR DANCE TEACHERS**

This unit will consider 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 the 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 Semester: 1, 2

► **KDB191 DANCE TEACHING METHODOLOGIES**

Provides students with the opportunity to investigate and explore dance teaching issues relevant to their own teaching context. The unit materials will 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 Semester: 1, 2

► **KDB192 STAGECRAFT AND COSTUME DESIGN FOR DANCE**

Provides opportunities to investigate the principles of design as they relate to the visual environment of a dance performance/production. 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 Semester: 1, 2

► **KDB193 DANCE PROJECT 1A**

This unit is designed for students to investigate their practice as a dance performer and/or creator via two projects (or one extended project). Interdisciplinary and collaborative projects are encouraged. Projects may be self-devised or alternatively students may contribute to other creative projects involving new work. In addition to the project proposals and their realisation, the unit comprises a reflective practice written assignment and journal.

Courses: KD25

Credit points: 12

Campus: KG Semester: 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 residency in Summer

Credit points: 12

Campus: KG Semester: 3

► **KDB196 DANCE TEACHING STUDIES 2**

This unit covers the theory of choreography and the basic skills of crafting choreography will 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 will be addressed.

Courses: KD06, KD17

Contact hours: 1 week residency in Summer

Credit points: 12

Campus: KG Semester: 3

► **KDB197 DANCE ANALYSIS AND DANCE HISTORIES**

This unit examines aesthetic theory and analysis models that will assist students to respond to and reflect upon dance. Students will apply this understanding to the research and analysis of dances in context.

Courses: KD05, KD06, KD16, KD17

Credit points: 12

Campus: EXT Semester: 1, 2

► **KDB198 SAFE DANCE PRACTICE**

This unit provides students with the knowledge and understanding of the information regarding safe dance practices. Practical activities will 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 Semester: 1, 2

► **KDB199 DANCE PROJECT 1B**

This unit is designed for students to investigate their practice as a dance performer and/or creator via two projects (or one extended project). Interdisciplinary and collaborative projects are encouraged. Projects may be self-devised or alternatively students may contribute to other creative projects involving new work. In addition to the project proposals and their realisation, the unit comprises a reflective practice written assignment and journal.

Courses: KD25

Credit points: 12

Campus: KG Semester: 2

► **KDB221 INTEGRATED PROFESSIONAL SKILLS**

An integrated program building specific practical and psychological skills and strategies for career development and enhancement.

Courses: KD32, KD25, KD15, IX05

Contact hours: 3 per week

Credit points: 12

Campus: KG Semester: 2

► **KDB421 DANCE CURRICULUM STUDIES 1**

Focuses on the implementation of Dance Curriculum documents. Students develop strategies for dance teaching that cater for diverse learning needs of students and assist in the management of safe dance learning environments.

Courses: KD32, KT32, ED55, IF75, IF76, IF77, IF78

Contact hours: 4 per week

Credit points: 12

Campus: KG Semester: 2

► **KDB429 DANCE CURRICULUM STUDIES 2**

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 Semester: 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 will actively engage their skills and understandings as a teacher artist. Students will also be

supported to enhance their skills as a reflective practitioner as they critically analyse and evaluate their professional practice.

Courses: KD42

Campus: EXT

Credit points: 24

Semester: 1, 2

► **KDP104 SAFE DANCE PRACTICE**

This unit provides students with the knowledge and understanding of the information regarding safe dance practices. Practical activities will 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

Campus: EXT

Credit points: 12

Semester: 1, 2

► **KDP105 DANCE ANALYSIS AND DANCE HISTORIES**

This unit examines aesthetic theory and analysis models that will assist students to respond to and reflect upon dance. Students will apply this understanding to the research and analysis of dance in context.

Courses: KD35, KD36, KD42

Campus: EXT

Credit points: 12

Semester: 1, 2

► **KDP180 DANCE TEACHING STUDIES 1**

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 residency in Summer

Credit points: 12

Campus: KG Semester: 3

► **KDP181 DANCE TEACHING STUDIES 2**

The theories of choreography and the skills of crafting choreography will 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 will be addressed.

Courses: KD36, KD42

Contact hours: 1 week residency in Summer

Credit points: 12

Campus: KG Semester: 3

► **KDP189 DANCE ASSESSMENT AND REPORTING PROCEDURES**

Relates current theoretical issues in assessment to the unique challenges that dance assessment provide. Students will 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 Semester: 1, 2

► **KDP190 PROFESSIONAL PRACTICE AND BUSINESS ADMINISTRATION FOR DANCE TEACHERS**

As small business owners, dance teachers require a diverse range of skills to manage and operate their businesses. This unit will consider the implications of the Dance Industry Code of Ethics 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 of dance teaching businesses.

Courses: KD35, KD36, KD42

Campus: EXT

Credit points: 12

Semester: 1, 2

► **KDP191 DANCE TEACHING METHODOLOGIES**

Provides students with the opportunity to investigate and explore dance teaching issues relevant to their own teaching context. The unit materials will include strategies and models for planning and implementing dance lessons and curriculum, catering for the diverse learning needs of their students and managing the classroom as a complex social environment.

Courses: KD35, KD36, KD42

Credit points: 12

UNIT SYNOPSES

- Campus:** EXT **Semester:** 1, 2
- **KDP192 STAGECRAFT AND COSTUME DESIGN FOR DANCE**
Provides opportunities to investigate the principles of design as they relate to the visual environment of a dance performance /production. 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 the production/construction and budgeting for design.
Courses: KD36, KD42 **Credit points:** 12
Campus: EXT **Semester:** 1, 2
- **KDX104 ARCHITECTURE OF THE BODY**
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: KD15, KD25, KD32, KF25, IF75, IF76, KI25, IX05, IX06, IX07, IX08
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1
- **KDX111 PERFORMANCE 1**
Designated unit. Study of selected repertoire pieces; duo work; rehearsal of individual aspects of the repertoire work; performance of all or part of the selected repertoire; preparation for rehearsals and performance; technique and dress rehearsals; critical evaluation during season and post-performance evaluation.
Courses: KD15, KD25
Contact hours: 8 per week **Credit points:** 12
Campus: KG **Semester:** 1
- **KDX112 PERFORMANCE 2**
Designated unit. Continuation of studies initiated in KDX111.
Courses: KD15, KD25
Prerequisites: KDX111
Contact hours: 8 per week **Credit points:** 12
Campus: KG **Semester:** 2
- **KDX141 PERFORMANCE 3**
Designated unit. Continuation of studies initiated in KDX112.
Courses: KD15, KD25
Prerequisites: KDX112
Contact hours: 8 per week **Credit points:** 12
Campus: KG **Semester:** 1
- **KDX142 PERFORMANCE 4**
Designated unit. Continuation of studies initiated in KDX141.
Courses: KD15, KD25
Prerequisites: KDX141
Contact hours: 8 per week **Credit points:** 12
Campus: KG **Semester:** 2
- **KDX143 CHOREOGRAPHIC STUDIES 1**
Introduction to crafting skills and choreographic devices used in process of making dance work. Presentation of short solo or group work.
Courses: KD15, KD25, KD32, IF75, IF76, IF77, IF78, IX05, IX06, IX07, IX08
Contact hours: 2 per week **Credit points:** 12
Campus: KG **Semester:** 2
- **KDX144 CHOREOGRAPHIC STUDIES 2**
Practice and performance of choreographic work employing choreographic skills in creation of movement material, form and style. Clarity of intention is major focus.
Courses: KD15, KD25, KD32, IF75, IX05
Prerequisites: KDX143
Contact hours: 2 per week **Credit points:** 12
Campus: KG **Semester:** 1
- **KDX145 CHOREOGRAPHIC STUDIES 3**
Development of Advanced Choreographic skills. Presentation of work 5-8 minutes in studio or site-specific context.
Courses: KD15, KD25, KD32, IF75, IX05
Prerequisites: KDX144
Contact hours: 2 per week **Credit points:** 12
Campus: KG **Semester:** 2
- **KFB056 PROFESSIONAL STUDIES (FASHION)**
This subject prepares final year students for their first steps into the profession and facilitates a smooth and confident transition from undergraduate experiences to working life.
Courses: KF25
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1
- **KFB401 DESIGN STUDIO 1**
The sequence of six Design Studio units are 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 with a history and an industry that is international in scope.
Courses: KF25
Contact hours: 12 per week **Credit points:** 24
Campus: KG **Semester:** 1
- **KFB402 DESIGN STUDIO 2**
This sequence of six Design units are fundamental to the course and focus on the integration of design principles with the practical skills and understandings of fashion design pattern cutting and garment construction.
Courses: KF25
Contact hours: 12 per week **Credit points:** 24
Campus: KG **Semester:** 2
- **KFB403 DESIGN STUDIO 3**
The sequence of six Design Studio units are fundamental to the course and focus 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 units 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 **Semester:** 1
- **KFB404 DESIGN STUDIO 4**
This sequence of six 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.
Courses: KF25
Contact hours: 12 per week **Credit points:** 12
Campus: KG **Semester:** 2
- **KFB405 DESIGN STUDIO 5**
This sequence of six Design Studio units are fundamental to the course and focus 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 **Semester:** 1
- **KFB406 DESIGN STUDIO 6**
This sequence of six 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.
Courses: KF25
Contact hours: 20 per week **Credit points:** 24
Campus: KG **Semester:** 2
- **KFB407 1/2 TEXTILES**
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 first half (12 awarded after completion of part 2)
Campus: KG **Semester:** 1
- **KFB407 2/2 TEXTILES**
Continued 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 1/2
Contact hours: 2 per week **Credit points:** 6 second half (12 credit points awarded at completion of both components).
Campus: KG **Semester:** 2
- **KFB408 FASHION IN CONTEXT**
In this unit students will 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 **Semester:** 2
- **KFB410 1/2 RESEARCH SEMINAR**
In this unit students will 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 (12 awarded at the completion of both components).
Campus: KG **Semester:** 1
- **KFB410 2/2 RESEARCH SEMINAR**
In this unit students will 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
Prerequisites: KFB410 /1
Contact hours: 2 per week **Credit points:** 6 (12 awarded at the completion of the two components).
Campus: KG **Semester:** 2
- **KFB411 ADVANCED TEXTILES**
This unit builds on the knowledge of the materials, skills and 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 **Semester:** 2
- **KFB412 APPLIED PLANNING**
In this externally focused unit graduating students will draw together acquired skills and knowledge in order to develop plans for work in industry, within community-based projects or as independent designers.
Courses: KF25
Contact hours: 2 per week **Credit points:** 12
Campus: KG **Semester:** 2
- **KFB414 CROSS MEDIA DESIGN APPLICATIONS**
This unit is aimed for the student who wishes to work collaboratively with students in other Creative Industries disciplines on a design project.
Courses: KF25
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2
- **KFB415 DESIGN PROJECT**
This unit is aimed for the student who wishes to further advance non-traditional approaches to 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

UNIT SYNOPSES

Campus: KG

Semester: 2

► **KIB056 PROFESSIONAL STUDIES**

This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the workforce. Exploration of current issues in the creative industries, and development of professional skills including portfolio development, networking strategies, industry practices and career management.

Courses: AA81, KI25, KI32, IF90

Prerequisites: KIB805

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KIB801 FOUNDATIONS OF COMMUNICATION DESIGN 1**

This unit provides an introduction to the languages and processes associated with image making and compositional design principles as they relate to communications technologies.

Courses: KI25, KI32, IF90

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 2

► **KIB803 TEMPORAL MEDIA**

Introduction to video production concepts and techniques. Development of original project ideas and investigation of sequence design and media integration methods.

Courses: KI25, KI32, IF90

Prerequisites: KIB802

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KIB804 3-D ANIMATION 1**

This unit stresses the creative issues related to modelling and rendering three-dimensional computer graphics and animation including high-end computer visualisation and special effects for film and television.

Courses: KI25, KI32, KI43, IF90

Prerequisites: KIB808

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KIB805 DESIGN PROJECT A**

This unit will investigate 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 **Semester:** 1

► **KIB806 DESIGN PROJECT B**

A critique forum for individual final projects. Each student is required to produce a final project indicative of their field of studies.

Courses: KI25, KI32

Prerequisites: KIB805

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KIB807 MEDIA TECHNOLOGY 1**

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: KI25, KI32, IF90

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KIB808 MEDIA TECHNOLOGY 2**

Exploration of media development and design concepts and practices. Investigation of cinematic language and interactive media design principles. Animation, video and audio are introduced in the context of software development, interactivity and applications of digital media.

Courses: KI25, KI32, IF90

Prerequisites: KIB807 or KKB818

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KIB809 INTERACTION DESIGN**

This unit provides an introduction to the field of interaction design including human computer interface design concepts, principles and methodologies involved in the design and development of interactive media.

Courses: KI25, KI32, IF90

Prerequisites: KIB808, KIB802 or KIB811

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 2

► **KIB811 VISUAL INTERACTIONS**

This unit will analyse how we represent our experience and communicate our intentions through both the reading of images and the process of image making. Students will investigate the relationship between language, image and technology whilst tracing the human experience with visuals from passive engagement to immersive interactions. By focusing on the mutual development of technology and creative practices through the investigation of past and current shifts in the representation of image the unit provides a foundation for further studies in the field of Communication Design and the broader Creative Industries.

Courses: KK32

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KIB812 INTERDISCIPLINARITY FOR THE CREATIVE INDUSTRIES**

Enrolment in this unit is only available to students enrolled in KI25, KI32 and IF90 Design and technology education which emphasises the mechanic over the social presents a very limited view of the potential for new media principles and practices. As disciplines, processes and products converge, you must be provided with an explicit framework within which to situate yourselves in order to contribute to interdisciplinary practice. This unit presents a method for negotiating interdisciplinary practice by establishing authentic learning environments which focus on tools and techniques and modes of expression appropriate for collaborative project work and situates them within research paradigms which enable practice.

Courses: KI25, KI32, IF90

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 analyse current interconnections between technology, design and society, and to provide tools to perform these activities effectively.

Courses: KK32

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 cur-

rent applications in order to explore creative environments of future technology.

Courses: KK32

Prerequisites: KKB818

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KIB815 INTER-FACING MEDIA**

This unit follows on from KIB809 Interaction Design focusing study in the field of Interaction Design including human computer interface 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 **Semester:** 1

► **KIB816 INTERACTIVE WRITING**

This unit addresses on theoretical issues associated with nonlinear story structures and interactive narratives through the analysis of game structures, the creation of original game ideas and the application of techniques of information design to the structuring of non-narrative content. Addressing the creative and analytical roles of writers, conceptual designers and information designers in the context of interactive digital media and the Creative Industries.

Courses: KK32

Prerequisites: KKB818

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KIB817 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: KI25, KI32, IF90

Prerequisites: KIB809 or KIB804 or KIB802

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 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 **Semester:** 2

► **KIB820 3-D ANIMATION 2**

This unit addresses theory and practice in the area of advanced three-dimensional computer graphics, including: concept development; character animation; modelling animation and rendering techniques; and production techniques.

Courses: KI25, KI32, KK32

Prerequisites: KIB811, KIB814, KIB825

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KIB821 MIXED MEDIA**

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 **Semester:** 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; and advanced digital video/media production and post production.

Courses: KI25, KI32

Prerequisites: KIB815, KIB803

Contact hours: 3 per week **Credit points:** 12

UNIT SYNOPSES

Campus: KG

Semester: 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 **Semester:** 1, 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

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 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 existing projects in the Faculty Research Centres. The unit is structured so that students present their ideas, document the project and then continue to present project progress throughout the semester. The outcome of this unit will provide 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 the second semester.

Courses: IF90

Prerequisites: Completion of 276 credit points in IF90

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 existing projects in the Faculty Research Centres. The unit is structured so that students present their ideas, document the project and then continue to present project progress throughout the semester. The outcome of this unit will provide the basis for a major portfolio work to be presented to peers and industry professionals for assessment. This is a year long unit. Students must complete KIB860/1 in the first semester.

Courses: IF90

Prerequisites: KIB860/1

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KIN808 INTRODUCTION TO COMMUNICATION DESIGN**

The major topics of this unit involve the acquisition of design knowledge through demonstration and application, the development of aesthetic responses through involvement in project production and the development of a personal design philosophy through research and lectures. Emphasis is placed on the relationship between image, text, time and space preparing the student for various new media productions.

Courses: KI35, KI36, KI43

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KIN809 INTERACTION DESIGN**

This unit provides an introduction to the field of interaction design including human computer interface design concepts, 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 **Semester:** 2

► **KIN810 INFORMATION ARCHITECTURE**

This unit provides knowledge of concepts in Information Architecture and their application to the production of large Internet web sites. The concept of information architecture forms the basis for an understanding of the application of advanced multimedia in the design of dynamic web sites. This unit focuses on design supported by practical experience in the production dynamic interactive systems using advanced web technologies. In this unit, students learn to understand and apply the principles of a well designed and structured web site; an advanced data base driven web site; the information architecture behind dynamic web sites; and advanced web design technologies.

Courses: KI36, KI43

Prerequisites: KIN808, KIN818

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 the 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 **Semester:** 1

► **KIN812 INTERDISCIPLINARITY FOR THE CREATIVE INDUSTRIES**

Enrolment in this unit is only available to students enrolled in KI35, KI36 and KI43 Design and technology education which emphasises the mechanic over the social presents a very limited view of the potential for new media principles and practices. As disciplines, processes and products converge, you must be provided with an explicit framework within which to situate yourselves in order to contribute to interdisciplinary practice. This unit presents a method for negotiating interdisciplinary practice by establishing authentic learning environments which focus on tools and techniques and modes of expression appropriate for collaborative project work and situates them within research paradigms which enable practice.

Courses: KI35, KI36, KI43

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KIN817 PROJECT MANAGEMENT**

Project management is a core requirement in the on-time, on-budget completion of project, whether building a bridge, launching a new product or developing a web site. Project management and its use of an associated customised methodology is paramount in successfully seeing a project to fruition. It is the roadmap by which all associated team members will travel. Without a methodology and the role of project manager held by someone within the team, the likelihood of success is slim. The aim of this unit is to develop within the student the ability to scope the needs of a digital media project, including its solution, and then to understand how to manage the client and project resources through its methodology to the project's completion.

Courses: KI36, KI43

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2, 3

► **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 **Semester:** 1

► **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 **Semester:** 2

► **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 **Semester:** 2

► **KJB101 JOURNALISM INFORMATION SYSTEMS**

Acquaints students with the uses journalists make of computers in their work: for word-processing, personal information management, time management, and gathering information for stories by searching online and CD-ROM databases, by analysing public records with spreadsheets and by 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 **Semester:** 1, 2

► **KJB120 NEWSWRITING**

Students learn to think like journalists, to evaluate events for their potential news value, to interview and perform other reporting tasks and to write news stories; the evolution and theories of reporting.

Courses: KJ32, IF05, IF07, KK32

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KJB121 JOURNALISTIC INQUIRY**

This unit will develop the basic skills learnt in Newswriting: generating story ideas, researching, conducting interviews, and finding news values and news angles, and apply them in a practical context. Students will also learn about how practical newswriting skills fit into an online environment. Students will be introduced to the rigours of deadlines and will have opportunities to write stories related to different news rounds throughout the semester.

Courses: IF05, IF07, KJ32, KK32

Prerequisites: KJB120, KJB101

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KJB224 FEATURE WRITING**

Students conduct interviews and other research, which 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 enrol in KJB224, while postgraduate students must take KJP224.

Courses: IF05, IF07, KJ32, KK32, KW32

Prerequisites: KJB120

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Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **KJB232 RADIO AND TELEVISION JOURNALISM 1**

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 **Semester:** 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

Prerequisites: KJB121 **Corequisites:** KJB121

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KJB280 INTERNATIONAL JOURNALISM**

This unit identifies, compares and analyses the diversity of journalistic practice in different countries and regions. In this unit, students will 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 will 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

Prerequisites: KJB121

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 2

► **KJB322 DESKTOP PUBLISHING AND EDITING**

Introduction to the 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 **Semester:** 1, 2

► **KJB337 PUBLIC AFFAIRS REPORTING**

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

Prerequisites: KJB224

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KJB338 RADIO AND TELEVISION JOURNALISM 2**

Philosophy and formulation of radio and television news and current affairs, anchor techniques, radio and television news production using computers.

Courses: IF05, IF07, KJ32.

Prerequisites: KJB232

Contact hours: 3 per week **Credit points:** 12
Incompatible with: MJB338

Campus: KG

Semester: 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 will involve contact with leading fashion journalists and magazines such as Vogue Australia. Students completing the unit 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

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KJP105 THEORIES OF JOURNALISM**

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 **Semester:** 1

► **KJP120 NEWSWRITING**

Should be combined with KJB120. Students learn to think like journalists, to evaluate events for their potential news value, to interview and perform other reporting tasks and to write news stories; the evolution and theories of reporting.

Courses: KJ35

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KJP224 FEATURE WRITING**

Students conduct interviews and other research, which 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

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **KJP232 RADIO AND TELEVISION JOURNALISM 1**

Should be combined with KJB232. The practical and theoretical aspects of radio and television media are studied and applied through production of broadcast news programs. Students learn styles and usage and the evaluation of television and radio products. Strong emphasis is placed on current affairs knowledge.

Courses: KJ35

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 will be 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 **Semester:** 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, intellectual property, and the relationship between creative and artistic practice and the commercial market place. Such issues are vital for creative industries graduates. This unit helps to prepare students for the perpetually changing, portfolio- and project-based workplace they are likely to encounter.

Courses: CI Core Unit

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KKB055 PROFESSIONAL PRACTICE**

This unit offers final-year students the opportunity to immerse themselves within the professional culture of their chosen field through secondment to professional organisations and companies. These secondments will enable the students to gain insights into the practical application of their course work and also establish valuable professional contacts for their future employment. Access to this unit will be reserved for students who have demonstrated an outstanding level of self-directed learning and a high level of requisite skills.

Prerequisites: Third year students (except

Dance); GPA of 5 and above

Credit points: 12

Campus: KG

Semester: 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 be either theoretical in the field of scholarship or comprise practical discipline work. Collaborative projects involving other students are encouraged.

Prerequisites: Third year students; GPA of 5

and above; approval of project by discipline coordinator

Credit points: 12

Campus: KG

Semester: 1, 2

► **KKB275 CREATIVE INDUSTRIES LEGAL ISSUES**

Introduces Creative Industries students to the law which 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 which are offered in two strands: Strand 1 for Journalism and Media Communication; Strand 2 for other Creative practices.

Courses: KJ32, KC32

Contact hours: 3 per week **Credit points:** 12
Campus: KG

► **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.

Credit points: 12

Campus: KG

Semester: 1, 2

► **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

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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.

Credit points: 24

Campus: KG

Semester: 1, 2

▶ **KKB335 PROFESSIONAL MEDIA PRACTICE**

An opportunity to observe and gain insight into the applications of theory to practice. The student is placed with an approved employer. The lecturer in charge of the unit obtains reports from the student at regular intervals. The student is required to contract the completion of a progressive assessment program. The student's result is determined on the basis of reports, continuous assessment and the employers report.

Courses: Available to Journalism or FTV majors only. Not available to study abroad or cross-institutional students.

Prerequisites: Journalism majors: KJB322 or KJB338; FTV majors: KPB155, KPB185

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 1, 2

▶ **KKB390 SUPERVISED PROJECT**

Students will 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.

Courses: Film and Television (BFA only), Journalism, Media Studies and Creative Writing majors only.

Prerequisites: 96 credit points of undergraduate study in the relevant discipline

Contact hours: 3 per week for group projects

Credit points: 12

Campus: KG

Semester: 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. Topics included in the unit are: consumer culture and identity; cultures, creativity and the body; representations of space and time in different cultures; and processes of creative production and reception.

Courses: CI Core Unit

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 1, 2

▶ **KKB618 WRITING FOR CREATIVE INDUSTRIES**

In the information economy, graduates need new literacies to participate fully in the productive process and society in general. Because new media will continue to emerge, it is essential that graduates possess the foundational skills necessary to negotiate differing circumstances. The written word is an essential element of increasingly visual media, and good writing is founded primarily on organising ideas effectively. Consequently, students will emerge with enhanced ability to organise and evaluate information, synthesise research material into a coherent form, and write ideas in ways that communicate effectively.

Courses: CI Core Unit

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 1, 2

▶ **KKB704 INDIGENOUS CREATIVE INDUSTRIES**

This unit is under review. Please contact the Creative Industries for further information. www.creativeindustries.qut.com

Campus: KG

▶ **KKB818 INTRODUCTION TO MULTIMEDIA TECHNOLOGY**

Contemporary modes of electronic media production, publishing and communication within the Creative Industries require graduates to com-

bine 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 with using: Windows and/or Macintosh operating systems; Word processing applications eg Microsoft Word or Word Perfect; electronic mail (email); and the World Wide Web.

Courses: CI Core Unit, KI32, KI25 students are not to take this subject

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 1, 2, 3

▶ **KKB914 VISUAL AND PERFORMING ARTS CURRICULUM 1**

The practical, intellectual, conceptual and aesthetic functions of the arts make it a unique and essential mode of learning to contribute to a broad, balanced and relevant curriculum which 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

Campus: KG

Semester: 2

▶ **KKD018 CREATIVE INDUSTRIES**

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, 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

Semester: 2

▶ **KKD218 CREATIVITY**

This unit is central to the Creative Industries program because it offers a basis in understanding the concept of 'creativity' and in the acquisition of skills that promote the creative process and practice throughout a variety of workplace environments and technologies. It is relevant for all working in the Creative Industries professions.

Courses: IF06

Contact hours: 4 per week **Credit points:** 12

Semester: 2

▶ **KKD618 WRITING FOR CREATIVE INDUSTRIES**

Introduces students to the practices and process skills necessary for writing successfully. The three foundational, transferable skills are acquiring information and ideas; organising the information and ideas; and writing appropriately for various audiences.

Courses: IF06

Contact hours: 4 per week **Credit points:** 12

Incompatible with: KKB618

Campus: KG

Semester: 1, 3

▶ **KKN002 HONOURS GRADUATE SEMINAR**

Seminar program of formal presentations of arts research projects by Honours students. Students also attend weekly presentations in the Masters graduate seminar series.

Courses: KK52, KK53

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 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 credit points.

Courses: KK52, KK53, KK54, KK55

Credit points: 12 (60 awarded at the completion of all 5 components).

Campus: KG

Semester: 1

▶ **KKN004-2 HONOURS PROJECT (2/5)**

Courses: KK52, KK53, KK54, KK55

Prerequisites: KKN004/1

Credit points: 12 (60 awarded at the completion of all 5 components)

Campus: KG

Semester: 1

▶ **KKN004-3 HONOURS PROJECT (3/5)**

Courses: KK52, KK53, KK54, KK55

Prerequisites: KKN004/2

Credit points: 12 (60 awarded at the completion of all 5 components)

Campus: KG

Semester: 2

▶ **KKN004-4 HONOURS PROJECT (4/5)**

Courses: KK52, KK53, KK54, KK55

Prerequisites: KKN004/3

Credit points: 12 (60 awarded at the completion of all 5 components)

Campus: KG

Semester: 2

▶ **KKN004-5 HONOURS PROJECT (5/5)**

Courses: KK52, KK53, KK54, KK55

Prerequisites: KKN004/4

Credit points: 12 (60 awarded at the completion of all 5 components)

Campus: KG

Semester: 2

▶ **KKN007 1/8 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 an exhibition of visual art; a performance (dance, drama, music); or choreography, script or score; or a book-length work of fiction or non-fiction; or a film or multi-media script or production. Units may be either taken one per semester or several per semester, depending on the enrolment pattern recommended by the School in the Course Summary Sheet. (eight part unit)

Courses: KK51

Contact hours: 1 per week

Credit points: 12 for each of the eight units

(total 96)

Campus: KG

▶ **KKN011 ADVANCED PROFESSIONAL PRACTICE 1**

An investigation of the student's professional practice through observation and research in consultation with the supervisor.

Courses: KK42

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 1

▶ **KKN012 ADVANCED PROFESSIONAL PRACTICE 2**

Extension and elaboration of the student's professional practice through evaluation and analysis in consultation with the supervisor.

Courses: KK42

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 1

▶ **KKN013 ADVANCED PROFESSIONAL PRACTICE 3**

A significant artistic outcome as part of the student's skills development including research, rehearsal and preparation for an exhibition or performance.

Courses: KK42

Contact hours: 12 per week **Credit points:** 24

Campus: KG

Semester: 2

▶ **KKN020 APPROACHES TO ENQUIRY IN THE CREATIVE INDUSTRIES**

Advanced information retrieval, academic writing and technical literacy, research proposal, literature review, project management for researchers and the politics, business and ethics of research in the visual and performing arts.

Courses: KK42, KK51

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 1, 2

▶ **KKN320 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

UNIT SYNOPSES

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: Creative Industries (Postgraduate)
Credit points: 12
Campus: KG
Semester: 1, 2

► KKN330 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.

Credit points: 24
Campus: KG
Semester: 1, 2

► KKN600 ADVERTISING CREATIVE: MAJOR PROJECT

This unit will give 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 will be required to publish, exhibit or perform a formal presentation to relevant industry parties.

Courses: IF96
Credit points: 24
Campus: KG

► KKP107 DISSERTATION

The culmination of the degree in Creative Writing Production, Film and Television Production, Journalism or Media & Communication in 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 12000 to 15000 words.

Prerequisites: KKP391, one of KWP103, KPP104, KJP105, KCP110.
Credit points: 48 total
Campus: KG
Semester: 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. Exploration of current issues in the arts, and development of professional skills including public speaking, meeting procedures and career management.

Courses: KM32
Prerequisites: KMB635 or KMB637
Contact hours: 3 per week
Campus: KG
Credit points: 12
Semester: 2

► KMB616-1 GROUP MUSIC

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 KMB616/2 in the second semester.

Courses: IF77, KM32, IX07
Campus: KG
Credit points: 12
Semester: 1, 2

► KMB616-2 GROUP MUSIC

Courses: IF77, KM32, IX07
Credit points: 12
Campus: KG
Semester: 1, 2

► KMB617 ARRANGING

Development of advanced composition and arranging skills for instrumental/choral ensembles using music of various styles.

Courses: IF77, KM32, IX07, KM35, KM36, KM42
Prerequisites: KMB630
Contact hours: 3 per week
Campus: KG
Credit points: 12
Semester: 2

► KMB618 SOUNDTRACKS FOR FILM AND TELEVISION

Development of programmatic compositional skills with particular reference to the impact of music on moving pictures and an understanding

of SMPTE and a study of film analysis with visual and/or thematic coding.

Courses: IF77, KM32, IX07
Prerequisites: KMB619 or KMB633 or equivalent
Contact hours: 3 per week
Campus: KG
Credit points: 12
Semester: 1

► KMB619 MUSIC AND SOUND TECHNOLOGY

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 a tool for composition as well as basics of sound. NOTE: Semester One offered to KM32, IX07, KM35, KM36, KM42 ONLY. Semester Two offered to all others except those mentioned above.

Courses: KM32, IF77, IX07, KV25, KI25, KM35, KM36, KM42, KT32
Contact hours: 3 per week
Campus: KG
Credit points: 12
Semester: 1, 2

► KMB621 SOUND RECORDING AND ACOUSTICS

An introduction to the fundamentals of the physical world of sound, basic signal flow, sound recording and acoustics. NOTE: Semester Two offering only available to KM32, KM35, KM36, KM42, IX07.

Courses: IF77, KI25, KI32, KM32, KS25, KS26, KT32
Contact hours: 3 per week
Campus: KG
Credit points: 12
Semester: 1, 2

► KMB622 MULTI-INSTRUMENTAL MUSIC A

Widens the base of a student's practical skills through the study of additional instrument(s). Students normally choose an instrument closely related to that of their Principal Study.

Courses: IF77, KM32, IX07
Contact hours: 3 per week
Campus: KG
Credit points: 12
Semester: 2

► KMB623 CONDUCTING

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: IF77, KM32, IX07
Prerequisites: KMB633
Contact hours: 3 per week
Campus: KG
Credit points: 12
Semester: 1

► KMB626 MUSIC AND SOUND FOR MULTIMEDIA

This unit deals with studio recording techniques, computer-assisted composition, the role of music in nonlinear structures, the effect and affect of sound in digital media productions, sound effects and Foley techniques, musical acoustics, and digital sound theory.

Courses: IF77, KM32
Prerequisites: KMB621 or KMB619
Contact hours: 3 per week
Campus: KG
Credit points: 12
Semester: 1, 2

► KMB628 MULTI-INSTRUMENTAL MUSIC B

Continues the development of a student's practical skills through the study of additional instrument(s). Students will both give and receive tuition.

Courses: IF77
Prerequisites: KMB622
Contact hours: 3 per week
Campus: KG
Credit points: 12
Semester: 2

► KMB629-1 GROUP MUSIC B

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
Campus: KG
Credit points: 12
Semester: 1

► KMB629-2 GROUP MUSIC B

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
Campus: KG
Credit points: 12
Semester: 2

► KMB630 MUSIC TEXTURES

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: IF77, KM32, IX07
Prerequisites: KMB632
Contact hours: 3 per week
Campus: KG
Credit points: 12
Semester: 1

► KMB631 WORLD MUSIC

Through a series of lectures, demonstrations and tutorials the student will gain 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
Campus: KG
Credit points: 12
Semester: 1

► KMB632 CORE MUSICIANSHIP 1

Students will develop strategies for problem solving techniques in creative musical thinking, and music making. Content includes aural training, composition techniques, contextual study, analysis, composition and improvisation presentations and the application of computer music printing software.

Courses: KM32, IF77, IX07
Contact hours: 4.5 per week
Campus: KG
Credit points: 12
Semester: 1

► KMB633 CORE MUSICIANSHIP 2

Students will further develop skills in creative musical thinking and music making. Content includes aural training, keyboard lab, composition techniques, contextual study, analysis, composition and improvisation presentations.

Courses: KM32, IF77, IX07
Prerequisites: KMB632
Contact hours: 4.5 per week
Campus: KG
Credit points: 12
Semester: 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, IF77, IX07
Prerequisites: KMB633
Contact hours: 5 per week
Campus: KG
Credit points: 12
Semester: 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 digital tools for sound manipulation. As a musicianship unit, this exploration involves analysis, research and composition.

Courses: KM32, IF77, IX07
Prerequisites: KMB633
Contact hours: 5 per week
Campus: KG
Credit points: 12
Semester: 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
Campus: KG
Credit points: 12
Semester: 1

► KMB637 JAZZ AND POPULAR MUSIC MUSICIANSHIP

This unit offers a study of the development of jazz and contemporary popular music through analysis, composition and complementary aural and keyboard musicianship sessions.

UNIT SYNOPSES

Courses: KM32, IF77 **Prerequisites:** KMB633
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KMB638 SOUND AND IMAGE

Students explore why they are influenced and manipulated by the interaction of narrative, moving images, sound (including music) and their imagination. Through a discussion of classic and contemporary world examples students map this interplay through analysis, criticism and viewing.

Courses: CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KMB640 SEX, DRUGS, ROCK N ROLL

Students will gain an insight into the musical, societal, artistic economic and political landscape of the 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 **Semester:** 1

► KMB648 THE MUSIC SCENE

The 1960s saw Australian music starting to break free from its colonial past. With this came an impetus to provide the necessary industry to support the developing music culture. In parallel, Australian popular and indigenous music was beginning to achieve some worldwide successes. Today with the increasing globalisation of the music industry, the local scene takes on new meanings. This unit will explore these relationships both musically and culturally.

Courses: KM32, IF77, IX07
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KMB649 INTRODUCTORY MUSICIANSHIP

Students will 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: All except KM32, IF77, IX07
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KMB650 INTRODUCTORY ENSEMBLE

This unit allows students to work in a choral or other approved 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: All except KM32, IF77, IX07
Credit points: 12
Campus: KG **Semester:** 2

► 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: IF77, KM32, IX07
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KMB652 MUSIC PERFORMANCE 2

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: IF77, KM32, IX07
Prerequisites: KMB651
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KMB653 MUSIC PERFORMANCE 3

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: IF77, KM32, IX07
Prerequisites: KMB652
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KMB654 MUSIC PERFORMANCE 4

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: IF77, KM32, IX07
Prerequisites: KMB653
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KMB655-1 MUSIC PERFORMANCE 5

This unit acknowledges that there are 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 Two.

Courses: KM32
Prerequisites: KMB654 or 96 credit points in KM32
Credit points: 24
Campus: KG **Semester:** 1

► KMB655-2 MUSIC PERFORMANCE 5

This unit acknowledges that there are 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 One.

Courses: KM32
Prerequisites: KMB654 and 96 credit points in KM32, KMB655/1
Credit points: 24
Campus: KG **Semester:** 2

► KMB657 MUSIC PRODUCTION 1

Sequential units beginning with the development of a secure and reliable technique on a composition or production skill. Content 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: IF77, KI25, KM32, KV25, IX07
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KMB658 MUSIC PRODUCTION 2

The development of a secure and reliable technique on a composition or production skill. Content 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: IF77, KI25, KM32, KV25, IX07
Prerequisites: KMB657
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KMB659 MUSIC PRODUCTION 3

Content 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: IF77, KI25, KM32, KV25, IX07
Prerequisites: KMB658
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KMB660 MUSIC PRODUCTION 4

The continued development of a secure and reliable technique on a composition or production skill. Content 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: IF77, KI25, KM32

Prerequisites: KMB659
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KMB661-1 MUSIC PRODUCTION 5

This unit acknowledges that there are 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 KMB661/2 in semester two.

Courses: KM32, KV25, KI25
Prerequisites: KMB660 and 96 credit points in KM32
Credit points: 24
Campus: KG **Semester:** 1

► KMB661-2 MUSIC PRODUCTION 5

This unit acknowledges that there are 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 one.

Courses: KM32, KV25, KI25
Prerequisites: KMB660 and 96 credit points in KM32, KMB661/1
Credit points: 24
Campus: KG **Semester:** 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 will explore this relationship drawing from a range of cultures and times including indigenous Australian, Western European and Eastern cultures.

Courses: CI Open Elective, KK32
Credit points: 12
Campus: KG **Semester:** 1

► KMB682 MUSIC PROJECT 2

The purpose of this unit is to augment and/or develop the work undertaken in Music Project 1. This is achieved through a substantially independent mode of learning involving project management. The unit further aims to develop students' musical abilities through the projects, seminars, workshops, events, performances, presentations, and work experience.

Courses: KM32
Prerequisites: A pass or concurrent enrolment in KMB681
Contact hours: 6 per week **Credit points:** 24
Campus: KG **Semester:** 1, 2

► KMN601 MUSIC PROJECT 1

This is the first in a sequence of self-directed project units. Students will undertake an 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 agreed with their 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 **Semester:** 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 **Semester:** 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

UNIT SYNOPSES

Contact hours: 2 per week **Credit points:** 24
Campus: KG **Semester:** 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 **Semester:** 1, 2, 3

► **KMN605 MUSIC PROJECT 5**

This unit follows from KMN604. In this unit the student will complete their project. Students are required to attend a weekly evening seminar and present as required. 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 **Semester:** 1, 2, 3

► **KMN606 DIGITAL RECORDING**

Students will follow an integrated course of theory and practice. They will use industry standard software for digital recording to create a portfolio of recordings using either their own equipment or in the music and sound labs at QUT.

Courses: KM35, KM36, KM42

Prerequisites: KMB619 OR KMB621

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 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. 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 **Semester:** 1, 2, 3

► **KMN611 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 will work through an intensive program in groups, on a variety of instruments, to obtain fundamental skills on those instruments which will develop and enhance their multi-instrumental skills for teaching.

Courses: KM35, KM36, KM42

Contact hours: 3 per week **Credit points:** 12
Semester: 2, 3

► **KMN612 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 will work through an intensive program, in groups on a variety of instruments to obtain fundamental skills on those instruments which will develop and enhance their multi-instrument skills for group instruction.

Courses: KM35, KM36, KM42

Prerequisites: KMN611 or equivalent

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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: IF77, IX07, KM32, KM35, KM36, KM42

Prerequisites: KMB623

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 3

► **KMN618 COMPOSING FOR MOVING PICTURES**

Development of programmatic compositional skills with particular reference to the impact of music on moving pictures and 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 **Semester:** 1

► **KMN626 MUSIC & SOUND FOR DIGITAL MEDIA**

This unit deals with studio recording techniques, computer-assisted composition, the role of music in nonlinear structures, the effect and affect 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 **Semester:** 1, 2

► **KMN630 MATERIALS OF MUSIC**

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 **Semester:** 1

► **KMP423 MUSIC CURRICULUM STUDIES 1**

Focuses on curriculum and methods of teaching music in the junior secondary school, with emphases on singing, aural training and music literacy. Philosophical bases for the development, implementation of principles and writing of individual lesson plans for use in teaching practice.

Courses: ED19, ED55, IF77

Prerequisites: 72 credit points in Music

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KMP431 MUSIC CURRICULUM STUDIES 2**

Advanced practical applications in assessment, curriculum planning and teaching and learning strategies relevant to secondary music education.

Courses: ED19, ED55, IF77

Prerequisites: KMP423

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KMP433 MUSIC CURRICULUM STUDIES 2A**

Extension studies in methods of teaching and curricula relevant to specialist teachers of instrumental, secondary or primary music.

Courses: ED19, ED55, IF77

Prerequisites: KMP434

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KMP434 MUSIC CURRICULUM STUDIES 1A**

A specialist study in instrumental or primary curriculum for students planning careers in teaching; materials, curricula and appropriate methods of teaching related to the relevant strand.

Courses: ED55, IF77

Prerequisites: 144 credit points in Music

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KPB118 PHOTOMEDIA: TRADITIONS AND TECHNIQUES**

This unit examines the roles of photography and the photographer in society. It introduces you to digital technologies, 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 you technological skills appropriate to your discipline. Because this unit is introductory, it is best undertaken as part of the foundational studies of your course. Please note that you will need to access commercial process-

ing 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. PREFERENCE FOR KP25, KP32.

Courses: KP25, KP32

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KPB130 MEDIA TEXT ANALYSIS**

Acquaints students with a range of approaches, both traditional and contemporary, to the analysis of media texts. Equips students with practical methods of understanding the creation and structuring of social meaning through media. The strategies applied in the analysis of texts will be 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 will include newspaper articles, cartoons, photographs, advertisements, films and television programs.

Courses: KK32, IX06, IX08, ED50, ED90

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KPB141 FILM AND TELEVISION LANGUAGE**

Surveys the processes by which meaning is constructed in film and television programs. This is first studied in relation to the question of form, and attention is given to how films, both narrative and non-narrative, and television programs, may be structured. The production of meaning is explored through a detailed examination of mise-en-scene (movement and placement of actors, setting, lighting, and costume), cinematography (including camera-angle, camera-distance, camera-movement and special effects), editing and sound.

Courses: KK32, KP25, IF09, IF10, IX05, IX06, IX08, ED50

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KPB155 MEDIA PRODUCTION**

Should be combined with KPP155. Basic design for informational, creative, corporate, documentary and drama productions. Exploration of the history and theory of design for media production. Introduction to the design of project management strategies, art and screen direction, images, sounds and sequences of audio visual montage at an introductory level. Introduction to project management; performance and screen direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing. * Students in KP25, KP32, KP35, KP36, KJ32, IF05, IF07, IF09 can apply to enrol semester one. ** Students in KP25, KK32, IF27, KP35, KP36, ED50, ED90, HH01, IF05, IF07, KJ32 and all BCI professional degrees can apply to enrol in semester two.

Courses: KP25, KP35, KP36, IF05, IF07, IF09

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KPB185 INFORMATIONAL PRODUCTION**

Forms of training and educational materials development as they apply to informational media. Exploration of the historical and theoretical underpinnings of informational media. Training in management, direction, camera, sound and editing as they apply to moving image media at an introductory level. Practice in project management, performance and art direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing. This is quota based unit with preference given to FTV majors.

Courses: KP25, KP32, KP35, KP36

Prerequisites: KWB111, KPB155

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **KPB190 CREATIVE PRODUCTION**

Experimentation in the coverage of live movement events; the visual interpretation of sound;

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the sonic transformation of visual events. Exploration of the historical and theoretical underpinnings of experimental motion picture art. Training in management, direction, camera, sound and editing as they apply to moving image media at an advanced level. Practice in specialist roles on creative productions.

Courses: KP25

Prerequisites: KPB185, KPB155

Contact hours: 6 per week **Credit points:** 24
Campus: KG **Semester:** 1

▶ KPB209 AUSTRALIAN TELEVISION

This unit explores the historical and global contexts that have determined the nature of Australian 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: KK32, ED50, ED90, IX06, IX08

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

▶ KPB260 COMMUNITY AND EDUCATIONAL VIDEO

New approaches to educational and community-focused video production using video cameras, editing equipment and computers; maximising 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: KK32, IF27, ED50 ED90, IX06, IX08

Prerequisites: KPB155

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

▶ KPB265 CORPORATE PRODUCTION

Electronic field production and television studio production as they apply to business communication. Exploration of the historical and theoretical underpinnings of corporate television and video production. Training in management, direction, camera, sound and editing as they apply to corporate moving image media at an advanced level. Practice in specialist roles on corporate productions.

Courses: KP25

Prerequisites: KWB111, KPB155, KPB185

Contact hours: 6 per week **Credit points:** 24
Campus: KG **Semester:** 2

▶ KPB268 FILM AND TELEVISION DRAMA PRACTICE

This unit introduces students to directing methodologies in film and television drama. Students will be exposed to different approaches to directing actors. The unit will examine a number of case studies of seminal directors who encompass a variety of performance strategies and aesthetic techniques. In addition, the unit will familiarise students with a wide range of stylistic approaches to directing for film and television. Students will be 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 **Semester:** 1

▶ KPB270 FILM DRAMA PRODUCTION

Film or video production which uses actors as mediators in the communication of fictional events. Exploration of the historical and theoretical underpinnings of fictional motion picture art. Training in management, direction, camera, sound and editing at a professional level. Practice 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 **Semester:** 2

▶ KPB305 AMERICAN FILM: GENRES AND DIRECTORS

A contextual study of American films across 50 years. It allows students to explore how films form part of and contribute to the ideologies current during the period of their production. The subject examines the refraction of the Great Depression and Roosevelt's New Deal in 1930s genre films; the post-war reconstruction and the reaffirmation of the family in 1940s films; the anti-communist hysteria and conservatism of the 1950s; the relation of 1960s films to various radical movements of the period; and the treatment of a range of social issues in 1970s and 1980s and 1990s films.

Courses: KK32, KP25, IX06, IX08, ED50, ED90

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

▶ KPB314 MEDIA BUSINESS

The role of the producer and executive producer in the packaging and financing of film and television production including corporate, training and documentary, grant films, features telemovies and mini-series; matching television network programming needs and achieving balance in above-the-line, below-the-line and marketing costs. Sources of finance: PFTC, networks, corporate sponsors, corporate clients, investors, pre-sales, government grants, Film Finance Corporation; methods of obtaining finance, insurance, completion guarantees, legal and accounting requirements; social and ethical issues.

Courses: KP25, KP32, KP36

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

▶ KPB343 AUSTRALIAN FILM

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: KK32, ED90, IX06, IX08

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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: KK32, KP25, ED50, ED90, IX06, IX08

Prerequisites: 96 credit points of undergraduate study

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

▶ KPB358 DOCUMENTARY THEORY AND PRACTICE

The documentary filmmaking tradition has involved many crucial aesthetic, technical and ethical concerns throughout history. This unit introduces this significant tradition of documentary production. If you are a KP25 student, the unit serves to prepare you for the documentary practical production unit, through learning to assimilate the principles outlined in the unit into your own documentary screenplays. If you are a non-KP25 student, the unit provides you with an opportunity to address the theoretical underpinnings of the documentary form, and the processes of documentary production.

Courses: KP25, KK32, KP36, ED50

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

▶ KPB359 FILM HISTORY

The unit explores how narrative film has developed throughout the twentieth century and the relationship of this development to historical and technological change. It also examines what constitutes film history and the perspectives from

which that history may be written. Knowledge of how film has developed and the relationship of this development to historical and technological change is important background both for the student of film and media texts and for the budding filmmaker.

Courses: KP25, KK32, ED50, IX06

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

▶ KPB360 DOCUMENTARY PRODUCTION

Video production concerned with the communication of non fiction events in science, the humanities and the arts. Exploration of the historical and theoretical underpinnings of non fictional motion picture art. Training in management, direction, camera, sound and editing as they apply to documentary production at a professional level. 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 **Semester:** 1

▶ 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, student will be acquainted with methodologies and theoretical underpinning for formulating their own aesthetic and developing a personal style.

Courses: KK53, KK52, KK51, KK54, KP35, KP36

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

▶ KPP155 MEDIA PRODUCTION

Basic design for informational, creative, corporate, documentary and drama productions. Exploration of the history and theory of design for media production. Introduction to the design of project management strategies, art and screen direction, images, sounds and sequences of audio visual montage at an introductory level. Introduction to project management; performance and screen direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing. Enrolment is restricted to students in KP35 and KP36.

Courses: KP35, KP36

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

▶ KPP185 INFORMATIONAL PRODUCTION

Should be combined with KPB185. Forms of training and educational materials development as they apply to informational media. Exploration of the historical and theoretical underpinnings of informational media. Training in management, direction, camera, sound and editing as they apply to moving image media at an introductory level. Practice in project management, performance and art direction; image capture and lighting design; sonic capture and audio design; visual montage and image mixing. This is a quota based unit with preference given to FTV majors

Courses: KP35, KP36

Prerequisites: KPB155, KPP185

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2, 3

▶ KSB011 MUSIC THEATRE SKILLS

Provides students with an introduction to practical skills development in acting, dance and singing for music theatre.

Courses: KS25, KD15, KM32

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

▶ KSB012 MUSIC THEATRE PROJECT

This unit follows on from Music Theatre Skills KSB011. Students need to experience the re-

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hearsal 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 2 performances.
Credit points: 12
Campus: KG **Semester:** 2

► KSB056 PROFESSIONAL STUDIES

This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the arts workforce. Exploration of current issues in the arts and development of professional skills including career management.

Courses: KS25, KS26
Corequisites: KSB256
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KSB202 ACTING 1

Focuses on the actor's instrument, using a series of exercises that deal specifically with whatever impedes the actor and actress personal truth, and unblocking instrumental blocks to emotional expression. Work incorporates Stage and Camera requirements.

Courses: KS25
Contact hours: 14 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KSB203 ACTING 2

Continuation of the Instrument Work and the introduction of Craft Techniques, dealing with contemporary Naturalistic texts for Stage and Film and Television.

Courses: KS25
Prerequisites: KSB202
Contact hours: 9 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KSB204 VOICE AND MOVEMENT 1

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 **Semester:** 1

► KSB205 VOICE AND MOVEMENT 2

Continuation of the development of a free, responsive instrument. Combat, singing, mask work continue. Introduction to Naturalistic text.

Courses: KS25 **Prerequisites:** KSB204
Contact hours: 6 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KSB233 VOICE AND MOVEMENT 3

Explores the area of heightened language. Focus is on the technical devices of Shakespearean text. Work developed will be performed both on the stage and for camera.

Courses: KS25 **Prerequisites:** KSB205
Contact hours: 6 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KSB234 VOICE AND MOVEMENT 4

Development of a vocal and physical technique that supports and serves the professional performer. Advanced classes in physical theatre will 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 **Semester:** 2

► KSB247 ACTING 3

Continuation of 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 **Semester:** 1

► KSB248 ACTING 4

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 will include 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 **Semester:** 2

► KSB255 THEATRE PROJECT 1

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: 30 per week **Credit points:** 36
Campus: KG **Semester:** 1

► KSB256 THEATRE PROJECT 2

A season of profiled performance projects, providing students with the opportunity to demonstrate their skills to potential employers in the industry, through film and stage work.

Courses: KS25, KS26 **Prerequisites:** KSB255
Contact hours: 30 per week **Credit points:** 36
Campus: KG **Semester:** 1, 2

► KSB259 THE PERFORMANCE INSTRUMENT: BODY AND VOICE

Understanding vocal and physical patterns; application of integrated approach to body and voice in personal expression. This unit will have number restrictions.

Courses: CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KSB274 THEATRECRAFT

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 **Semester:** 1

► KSB276 VISUAL THEATRE - DESIGN

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 **Semester:** 1

► KSB278 TECHNICAL THEATRE

Develop an understanding of basic theatrical lighting and sound operations, as well as stage management processes.

Courses: CI Open Elective
Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► KSB289 TECHNICAL PRODUCTION 1

Development of 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 **Semester:** 1

► KSB290 TECHNICAL PRODUCTION 2

Continuation of creative use of lighting and sound in performances. Introduction to lighting and sound design.

Courses: KS26
Prerequisites: KSB289, KSB292
Contact hours: 6 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KSB291 TECHNICAL PRODUCTION 3

Broadening of 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 **Semester:** 2

► KSB292 STAGE MANAGEMENT 1

Introduction to 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 **Semester:** 1

► KSB293 STAGE MANAGEMENT 2

Introduction to the management issues in areas of stage mechanics, flying, props and wardrobe and preparation of students to undertake performance crew roles in these departments; an introduction into stage management for Dance, Opera and Musicals.

Courses: KS26
Prerequisites: KSB289, KSB292
Corequisites: KSB290
Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KSB294 STAGE MANAGEMENT 3

Broadening 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 **Semester:** 1

► KTB056 PROFESSIONAL STUDIES: PERFORMING SELF

This unit aims to facilitate a smooth and confident transition from undergraduate experiences to life in the arts workforce. Exploration of current issues in the Creative Industries, and development of professional skills including public speaking, incorporating voice, intellect, body and emotion. Suitable only for students in third or fourth year.

Courses: CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KTB061 ARTS MANAGEMENT

An introduction to management techniques within the Australian creative industries environment, including 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 **Semester:** 1, 2

► KTB062 ARTS EVENTS

Combination of practical and theoretical investigation into how strategy and mission work in arts agencies in the Creative Industries, including arts and cultural events, promotions and public relations.

Courses: CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KTB208 ELEMENTS OF DRAMA

An introduction to key features of drama across art forms that combines 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 **Semester:** 1

► KTB214 PROCESS DRAMA

This unit introduces the processual nature of drama and theatre through workshops involving 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 **Semester:** 1

► KTB251 20TH CENTURY STAGES

This unit will introduce students to the major theatre movements of the 20th Century. Students will 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 **Semester:** 2

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► KTB252 THE SOUND OF THEATRE

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, IF76

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KTB253 STAGING AUSTRALIA

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, IF76, IX06, IX05, IX07, IX08

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KTB257 STUDIES IN ACTING 1

Introduction to the work of Stanislavski and a number of his key interpreters including Cohen, Benedetti, Hagen, Adler and Moore. Exploration of acting styles including an examination of alternative theories of performance.

Courses: KK32, KT32, IX06, IX05, IX07, IX08

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KTB258 STUDIES IN ACTING 2

Students will extend their understanding of the interpretative and acting skills required to perform Shakespeare. It will be of particular use to those interested in acting, directing, teaching or playwriting.

Courses: KT32, IX06, KK32

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KTB271 STUDIES IN DIRECTING

History of the development of the role of the director; theoretical study of key innovative directors in the European tradition. Opportunities to undertake practical work selecting, adapting, rehearsing and performing an extract from a play and giving it an innovative 'treatment'.

Courses: KT32, IX06, KK32, CI Open Elective

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 2

► KTB273 PERFORMANCE 1

Introduction to a clearly defined rehearsal ethic through extended performance project. Text analysis, formal group discussion, role creation and rehearsal, live performance of a scripted drama before an audience.

Courses: KT32, IX06 **Corequisites:** KTB257

Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KTB275 UNDERSTANDING PERFORMANCE

In this unit, students will 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 **Semester:** 1

► KTB277 PHYSICAL THEATRE

Students will experience a range of physical skills within the context of non-text based performance taught by professional theatre practitioners.

Courses: KT32, IX06, KD32

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KTB280 DRAMA AS SOCIAL ACTION

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. Provides 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 **Semester:** 2

► KTB304 FORMING KNOWLEDGE

Students will explore a range of paradigms of knowledge and knowing and their relationship to arts practice and theatre. It acknowledges the aesthetic field of experience in all human endeavour, 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 **Semester:** 2

► KTB306 DIRECTING FOR THEATRE

Analysis of the directors 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 **Semester:** 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 **Semester:** 2

► KTB308 PERFORMANCE 2

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 **Semester:** 1

► KTB309 PERFORMANCE 3

This final year elective unit provides Theatre Studies students with an opportunity to collectively manage and perform a public season of an original production or series of smaller performances. Students take on various production roles such as dramaturgy, rehearsal, scripting, stage management, design, publicity, documentation and acting, and usually undertake the leadership of a professional director.

Courses: KT32, IX06 **Prerequisites:** KTB308

Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 1

► KTB414 DRAMA CURRICULUM STUDIES 1

An introduction to the theoretical and practical knowledge, understandings and skills needed for effective Drama teaching. Students will be introduced to key Drama syllabus documents and acquire skills and understandings related to the classroom, the school and the school community.

Courses: ED55, IF76, IF75, IF77, IF78

Prerequisites: 96 credit points in each relevant discipline area

Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KTB415 DRAMA CURRICULUM STUDIES 2

This unit extends on the work undertaken in KTB414 and focuses on: 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 **Semester:** 1

► KTN001 PERFORMING NARRATIVES

In this unit, students will 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 **Semester:** 2

► KTN002 CONTEMPORARY PERFORMANCE

In this unit, students will investigate 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 **Semester:** 1

► KTN003 APPLYING INFORMATION TECHNOLOGY IN THE DRAMA CLASSROOM

Strategies for incorporating information and communication technology into the Drama classroom, performing arts specific software including graphics/imaging programs; video editing and scriptwriting programs; appropriate uses of the Internet; online communities, online improvisation and role-play; message and bulletin boards.

Courses: KT35, KT36, KT42

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KTN004 TEACHING DRAMA FROM 1-10

In this unit, students will explore the conceptual and practical knowledge and understanding of the contribution Drama can make in a holistic primary education. It is an exploration of aesthetic learning and Drama as a way of knowing; experiential workshops to develop artistic and facilitation skills for Drama teaching; and an introduction to The Arts Years 1-10 Syllabus.

Courses: KT35, KT36, KT42

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KTN005 IMPLEMENTING DRAMA FROM 1-10

This unit will introduce students to strategies for planning, managing and assessing of school and classroom work programs in Drama; cross curricula and Key learning Area applications, trans-disciplinary planning; and the Core Content relevant to Levels 1-6.

Courses: KT35, KT36, KT42

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► KTN006 DRAMA PROJECT

This unit will provide an opportunity for students to design and implement a classroom based project which 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 **Semester:** 1, 2

► KTN200 DRAMATURGY

An investigation of the role of the dramaturge in Western cultures, particularly the emerging role of the dramaturge in Australian theatre; the methodologies of the dramaturge, the criteria used for script assessment, and a comparative study of the role of the script editor/story editor in the screen writing industry.

UNIT SYNOPSES

Courses: KK42, KK52, KK53

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KVB004 CONTEMPORARY AESTHETIC DEBATES**

Introduction to 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 **Semester:** 1

► **KVB005 READINGS IN VISUAL ARTS**

Concentrates on developing critical and analytical skills in reading and writing about the visual arts. It focuses on critical art-historical writings since 1968.

Courses: KK52, KK53

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KVB412 ART CURRICULUM STUDIES 1**

Students develop planning and teaching skills in selected Art curriculum areas. Content includes: the nature of the Art curriculum area/discipline; its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, IF78

Prerequisites: 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KVB413 ART CURRICULUM STUDIES 2**

Extends KVB412; 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 **Semester:** 1

► **KVB444 CONTEMPORARY ASIAN VISUAL CULTURE**

Development of an understanding and awareness of non-Western art forms. The influences of historical visarts, backgrounds, philosophical beliefs and trade on the symbolism, forms, techniques and uses of various artefacts.

Courses: KV25, KV32, CI Open Elective, ED22, ED26, ED50, ED51, IX08

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KVB447 DRAWING**

Examination of conventional and contemporary drawing processes; 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

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KVB457 SCULPTURE**

This subject 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: CI Open Elective, ED22, ED26, ED50, ED51, ED52, IF78

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KVB503 CLAY MATERIALS**

Develop ceramic knowledge, artistic concepts and practical/technical skills; investigation of selected historical ceramic eras; understanding of the relationship between ceramics and the makers culture; development of personal imagery and design.

Courses: ED22, ED26, ED50, ED51, CI Open Elective

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KVB507 PAINTING**

Introducing and developing an active awareness of both historical and contemporary issues in painting and drawing through studio practice and tutorials; the skills appropriate to the range of available media pursued in studio classes and professional practice.

Courses: ED22, ED26, ED50, ED51, CI Open Elective

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KVB509 PHOTOMEDIA AND ARTISTIC PRACTICE**

Photographic practice in Visual Arts, with emphasis on, but not limited to chemical black/white processes. Darkroom and camera skills, aesthetic and conceptual aspects of photography, history of art and photography, history of art and photography, personal approaches to photographic practice. Students must have access to a camera for this unit.

Courses: ED22, ED26, ED50, ED51, CI Open Elective

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KVB511 PRINTMAKING**

Traditional and innovative printmaking processes are major areas of artistic endeavour. Historically, printmaking included discrete and unique methods and processes, which form the basis of evolving contemporary practice through conceptual and cross-media applications. By undertaking printmaking studies, students extend their repertoire of art skills and art content knowledge, adding depth to their artistic understanding and practice.

Courses: CI Open Elective **Credit points:** 12
Campus: KG **Semester:** 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 will provide an understanding of terms, such as avant-garde, modernism and modernity. It will explain how modernism focuses upon the issue of representation and how this approach led to inter-disciplinary work, which engaged with film, photography, design, architecture and installation as well as the traditional visual arts.

Courses: KV25, KV32, KK32, CI Open Elective, ED50, IF78, IX08

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KVB702 20TH CENTURY AUSTRALIAN 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 as well as introducing 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 will be 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, CI Open Elective

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **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 will supplement these by instituting a specialised study of artistic and cultural practice that focuses on new mass media technology. The unit will therefore enhance, extend and update knowledge of recent art strategies in contemporary society.

Courses: KV25, KV32, CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 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 will provide a 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 will form the critical-analytical background to current debates and theories in the field of spatial culture and public art.

Courses: KV25, KV32, KK32, CI Open Elective

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 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 individuals 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 **Semester:** 1

► **KVB740 STUDIO ART PRACTICE 1**

Designated unit. 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. Introductions to technological artforms.

Courses: KV25, KV32, IF78, IX08

Contact hours: 12 per week **Credit points:** 24
Campus: KG **Semester:** 1

► **KVB741 STUDIO ART PRACTICE 2**

Designated unit. Continued development of concepts, skills and approaches to self-generated contemporary art practice established in Studio Art Practice 1. Maintaining responsible art practice; expansion of appropriate research skills; increased knowledge of safe workshop practices, safe studio work habits, appropriate professional skills.

Courses: KV25, KV32, IF78

Prerequisites: KVB740

Contact hours: 12 per week **Credit points:** 24
Campus: KG **Semester:** 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, IF78, IX08

Prerequisites: KVB741

Contact hours: 6 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **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. Sustained critical involvement and an increasing commitment to artistic conceptual pursuits will be underpinned by contemporary theoretical reference which includes investigation into a broad range of artists' practices. Students will be required to articulate a personal position in these issues.

Courses: KV25, KV32, IF78

Prerequisites: KVB742

Contact hours: 6 per week **Credit points:** 24
Campus: KG **Semester:** 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 professional organised and articulated body of work.

UNIT SYNOPSES

Substantial research is expected in support of these projects.

Courses: KV25, KV32 **Prerequisites:** KVB743
Contact hours: 6 per week **Credit points:** 24
Campus: KG **Semester:** 1, 2

► 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, KV32 **Prerequisites:** KVB744
Contact hours: 6 per week **Credit points:** 24
Campus: KG **Semester:** 2

► KVB751 EXTENDED STUDIO PRACTICE 1

Extension of practical studio units of core media studies or elective studio units.

Courses: KV25, KV32, IF78
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► KVB752 EXTENDED STUDIO PRACTICE 2

Extension of practice studio units or core media studies or elective studio units.

Courses: KV25, KV32, IF78
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► KVB753 EXTENDED STUDIO PRACTICE 3

Extension of practice studio units or core media studies or elective studio units.

Courses: KV25, KV32, IF78
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► KVB754 EXTENDED STUDIO PRACTICE 4

Extension of practice studio units or core media studies or elective studio units.

Courses: KV25, KV32, IF78
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► KVB755 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 underpin studio development.

Courses: KI25, KI32
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KVB756 DRAWING FOR ANIMATION 2

This unit will develop individual knowledge, concepts and skills to enable students to articulate and present capabilities of motion through drawing for contemporary animation practices.

Courses: KI25, KI32
Prerequisites: KVB755
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 two to successfully complete the unit and be awarded 12 credit points.

Courses: KF25
Campus: KG **Semester:** 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 enrol in KVB757/2 in semester two to successfully complete the unit and be awarded 12 credit points.

Courses: KF25
Prerequisites: KVB757/1

Credit points: 12 credit points awarded after successful completion of both KVB757/1 and KVB757/2

Campus: KG **Semester:** 2

► KVB758-1 DRAWING FOR FASHION 2 (1/2)

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 enrol in KVB758/2 in the following semester.

Courses: KF25 **Prerequisites:** KVB757 (1&2)
Contact hours: 3 per week **Credit points:** 6
Campus: KG **Semester:** 1, 2

► 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
Campus: KG **Semester:** 1, 2

► KVB759 FASHION ILLUSTRATION

The importance 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 **Prerequisites:** KVB758
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 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 will explore fundamental concepts including narrative structures, metaphors, point of view, plotting, character and voice. Students will examine a range of professional scripts and development documents and be 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 **Semester:** 1, 2

► KWB229 FILM AND TELEVISION SCRIPTWRITING

This unit aims to produce writers who can operate competently as scriptwriters, especially of drama scripts, and facilitates practice in writing scripts for moving image media productions. Students receive workshops and individual consultations and feedback on their work with industry professionals.

Courses: KW25, KW32, IF93, KW35, KW36
Prerequisites: Undergraduate: KWB111 or completion of 96 credit points
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 will acquire an

understanding of various forms of creative language forms, especially narrative and poetry. Students will therefore be introduced to key language theory and creative writing practice.

Courses: KW25, KW32, KW35, IF93
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► KWB314 CORPORATE WRITING AND EDITING

This unit should provide a capstone for the knowledge and skills developed in other writing studies. Students expand their range of genres and acquire a more sophisticated understanding of writing fundamentals. This unit will develop the ability to identify and implement sophisticated writing genres; require students to investigate and report on a variety of writing issues; and to evaluate the efficacy of complex corporate and professional writing.

Courses: KW32, KW25, KW35, IF93
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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. It 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 **Semester:** 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 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 **Semester:** 1

► KWB350 CREATIVE WRITING: SHORT STORY

The emphasis is on writing the short story and narrative structure. The unit takes the perspective of the creative writing practitioner, and the emphasis is on writing for publication and for specific markets as well as for enjoyment. Editing and rewriting are viewed as integral to the writing process.

Courses: KW25, KW32, KW35, KW36, IF93
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► KWB370 ELECTRONIC CREATIVE WRITING

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/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 **Semester:** 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 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.

UNIT SYNOPSES

Courses: KW25, KW32, IF93, KW35, KW36
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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, as well as 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 will be explored.

Courses: KW25, KW32, IF93, KW35
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 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, hypertext and other multimedia interactive writing, under supervision. Such work will be written to a standard commensurate with being suitable to submit for publication to print or electronic publications. The students' final submission will also be written after familiarisation with industry demands, audience niche and marketing possibilities.

Courses: KW25, KW32, IF93
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 2

► **KWB399 THE WRITING AND PUBLISHING INDUSTRY**

This unit provides a comprehensive introduction to the workings of book industry and to the professional practices of writers. By the use of value chain analysis the unit surveys: the production of the manuscript, its development, editing and publication. It then follows the public and commercial life of the book as it is distributed, consumed and its symbolic value circulated. Students gain experience in developing book ideas and analysing the book as a commodity.

Courses: KW25, KW32, IF93, KW35, KW36, KW37
Prerequisites: 96 credit points of undergraduate study.
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KWB701 INDIGENOUS WRITING***

*Subject to final approval. Please check with the Creative Industries Faculty for further details. This unit explores the rich and diverse range of Indigenous narrative or story-telling throughout the world, including Australian Aboriginal and Torres Strait Islander story-telling. 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.

Courses: KK32
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KWB710 OZLIT**

This unit will provide 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
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KWB712 YOUTH AND CHILDREN'S WRITING**

Children's and adolescent novels within the cultural context of nineteenth and twentieth century Australia, England and America; focuses on textual analysis of major generic types; 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 **Semester:** 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 will address 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
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **KWB725 POPULAR FICTIONS, POPULAR CULTURE**

Offers a theoretical context to the developments of the term 'popular culture' and a link between the operations of the culture and productions of that culture. Several generic forms are studied, for example adventure fiction, fantasy and travel writing, and, as well, some cross-generic representations are included. The unit is text based, although some film and computer game scenarios are addressed. Reading/viewing material is drawn from Australian and international publications. A Unit Reader containing key critical essays or supporting documentation complements the weekly text/film material.

Courses: CI Open Elective
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **KWB729 SHAKESPEARE, THEN AND NOW**

Shakespeare is examined both in his own time and the present to analyse the dominance of this cultural icon; emphasises recent theoretical and performance strategies in Shakespearean genre studies.

Courses: KK32
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2

► **KWP103 CREATIVE WRITING: NOVEL & GENRE**

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 **Semester:** 1

► **KWP104 EDITING AND DEVELOPING THE MANUSCRIPT**

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 **Semester:** 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

► **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 you to civil litigation and criminal law practice.

Courses: LP41 **Contact hours:** 28 (2 weekends)
Credit points: 12

► **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 will cover 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

► **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

► **LPP105 FAMILY AND ESTATES**

Learning how to administer a deceased's estate is a good platform for developing legal drafting

UNIT SYNOPSES

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

► LPP106 LITIGATION

Civil litigation forms a major part of most legal practices. A knowledge of court procedures, litigation tactics and an ability to assist clients through the litigation process is 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

► LPP107 PROPERTY LAW PRACTICE

Many lawyers are regularly involved in the purchase and sale of real property and the conveyance of real property. 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

► 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

Credit points: 12

► LSB111 UNDERSTANDING DISEASE CONCEPTS

Introduction to structure and function of the body; review of body systems. Mechanisms of disease. Systems in detail: integumentary, skeletal, muscular, nervous, endocrine, blood, heart and circulation, lymphatic, immunity, respiratory, digestive, nutrition and metabolism, urinary, reproductive, concepts of growth and development, genetics. Examples of diseases: heart disease, cancers (lung, breast, skin, prostate, cervical), diabetes, hypertension, psychopathology (and genetic factors) of common mental disorders such as depression and schizophrenia.

Courses: IF47, PU40

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► LSB118 LIFE SCIENCE

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 is outlined.

Courses: ED50, IF86, LS37, LS50, PU43, SC01

Contact hours: 4 per week **Credit points:** 12
Campus: GP, CA **Semester:** 1, 2

► LSB119 LIFE SCIENCE FOR OPTOMETRISTS

An introduction to the study of life processes in all five groups of living organisms (bacteria, protists, fungi, plants and animals), and to the

interactions between these organisms and their environment. 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.

Courses: OP42

Contact hours: 4 per week **Credit points:** 12

Incompatible with: LSB118

Campus: GP

Semester: 1

► LSB131 ANATOMY

Basic concepts of anatomy; overview of the structure of cells, body tissues, and body systems as well as aspects of surface anatomy which are relevant to human movement; musculoskeletal systems.

Courses: HL40, HL42, HM42, IF62, IX04

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1, 3

► 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

Semester: 1

► LSB145 ANATOMY 1

A study of human anatomy of the body as a whole, including a detailed study of the skeletal system. General principles of disease processes.

Courses: PH38

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1

► LSB152 ANATOMY

Topics covered include the general structure and variation in cells, macroscopic and microscopic structure of primary tissues and the macroscopic morphology of the organs and structures of organ systems.

Courses: OP42

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1

► LSB182 BIOSCIENCE 1

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 are: 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

Semester: 1

► LSB231 PHYSIOLOGY

Covers the general physiological principles such as homeostasis and how all systems in the body contribute to it. Topics will 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, IF62, IX04

Contact hours: 4 per week **Credit points:** 12

Campus: GP

Semester: 2

► LSB235 ADVANCED ANATOMY

An in-depth study of the systematic and regional anatomy of the lower limb will be undertaken with particular emphasis on osteology, arthrology, musculature, angiology and neurology.

Courses: PU40

Prerequisites: LSB131

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 2

► LSB238 CELL AND MOLECULAR BIOLOGY 1

Introduction at the cellular level to essential physiological and metabolic requirements fundamental to life processes. This unit will concentrate 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

Semester: 2

► LSB245 ANATOMY 2

Lectures and practical exercises involving a basic, yet comprehensive study of the anatomy and physiology of the various body systems. Application of scientific methods to the study of the general principles of disease processes and the major diseases of the organ systems.

Courses: PH38

Prerequisites: LSB145

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 2

► LSB250 HUMAN PHYSIOLOGY

Topics examined include: 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

Semester: 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

Semester: 2

► LSB258 PRINCIPLES OF HUMAN PHYSIOLOGY

The aim of this unit is to provide a grounding in the principles of human anatomy and physiology. Following an introduction to the organisation of tissues, each of the major systems that constitute the human body are introduced by the integrated study of their anatomy and physiology.

Courses: LS50, SC01

Contact hours: 4 per week **Credit points:** 12

Campus: GP

Semester: 2

► LSB275 BIOMOLECULAR SCIENCE

The structures and functions of proteins, carbohydrates, lipids and nucleic acids, basic enzymology, mechanisms of cellular energy production and the role of ATP; 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

Semester: 2

► LSB282 BIOSCIENCE 2

Introduction to diseases, infections and treatments; the body defence systems and control of infection and considers in depth the respiratory and cardiovascular systems and diseases which affect these systems.

Courses: NS40, NS48 **Prerequisites:** LSB182

Contact hours: 12

Campus: GP

Semester: 2

UNIT SYNOPSES

► LSB308 BIOCHEMISTRY

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 **Semester:** 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 to be 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 **Semester:** 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 **Semester:** 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 **Semester:** 1

► LSB328 MICROBIOLOGY 1

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: PCB242, LSB238

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► LSB338 CELL AND MOLECULAR BIOLOGY 2

A continuation and expansion of 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, as well as 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 **Semester:** 1

► LSB345 REGIONAL & IMAGING ANATOMY 1

Focuses on the regional anatomy of the head, neck, upper limb, lower limb, and vertical column and the anatomy of the structures of the above regions which are visualised by medical imaging modalities.

Courses: PH38, PH90

Prerequisites: LSB241, LSB245

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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; LSB558 and 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 **Semester:** 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 **Semester:** 1

► LSB367 PATHOLOGY

This unit is an external unit designed to run on line 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; 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

Credit points: 12

Incompatible with: LSB321, LSB361, LSB475

► LSB382 BIOSCIENCE 3

Topics covered in this third Bioscience unit include: the physiology, pathophysiology and diseases (including infectious diseases) of the nervous, reproductive, gastrointestinal and renal system; diabetes; diseases of joints; musculoskeletal adaptations; posture control and balance; 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 **Semester:** 1

► LSB397 PLANT PHYSIOLOGY

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: 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 **Semester:** 1

► LSB408 METABOLISM

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 **Semester:** 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 will adopt a team approach to developing and designing a research project to be undertaken in LSB709 Biotechnology Research Project. Students will 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. Mentors will 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 **Semester:** 1, 2

► LSB415 MICROBIOLOGY

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 **Semester:** 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 **Semester:** 2

► LSB428 MICROBIOLOGY 2

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, food borne pathogens and spoilage, 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 **Semester:** 2

► LSB435 DIAGNOSTIC MICROBIOLOGY 1

This unit builds upon foundation topics in LSB328 Microbiology 1 and starts preparing the student for a career in a routine diagnostic microbiology laboratory in clinical practice. Diagnostic Bacteriology and Parasitology are the two key areas addressed in this unit. This unit emphasises a strong commitment to professional practice by developing high level generic and specific skills. Specific lecture and lab class discussion points include (where relevant): life cycles, specimen management, classification systems, diagnostic protocols (isolation, identification and antimicrobial susceptibility), pathogen acquisition, control measures and patient management. Students will learn to think critically in an interactive learning environment.

Courses: LS37

Prerequisites: LSB328
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2

UNIT SYNOPSES

▶ **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, immunisation of humans against infections.

Courses: LS37, SC01

Prerequisites: LSB328, LSB358

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2

▶ **LSB445 REGIONAL & IMAGING ANATOMY 2**

Focuses on the regional anatomy of the thorax and abdomen regions and the anatomy of the structures of the above regions which are visualised by medical imaging modalities.

Courses: PH38, PH90

Prerequisites: LSB241, LSB245, LSB345

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

▶ **LSB451 HUMAN PHYSIOLOGY**

A course of lectures and practicals, similar to LSB250.

Courses: PU43

Prerequisites: LSB131

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 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 **Semester:** 2

▶ **LSB467 PATHOPHYSIOLOGY**

This unit is an external unit designed to run on line 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, focussing on the cardiovascular, respiratory, blood, renal, nervous, gastro-intestinal, and endocrine systems. A variety of assessments are used during the semester to reinforced the understanding of the topics.

Courses: PU40

Credit points: 12

Incompatible with: LSB658

▶ **LSB468 MOLECULAR BIOLOGY**

Techniques for the isolation, purification and genetic engineering of nucleic acids. Includes procedures for gene detection and analysis, gene isolation, cloning and amplification, and gene library construction and screening.

Courses: LS50, SC01

Prerequisites: LSB308, LSB338

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2

▶ **LSB475 DISEASE PROCESSES 4**

Principles of the study of disease and 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. 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, haematologic system and skin.

Courses: PU43

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

▶ **LSB480 PROFESSIONAL PRACTICE**

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 **Semester:** 2

▶ **LSB492 MICROBIOLOGY**

An introductory core unit of microbiology for students of optometry and podiatry with an introduction to micro-organisms, control of microbial populations and principles of taxonomy in relation to optometry and podiatry.

Courses: OP42

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

▶ **LSB497 PLANT MOLECULAR BIOLOGY**

This is an intermediate level unit that will complement and extend 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 will integrate the fundamentals of plant molecular biology, plant biochemistry and plant cell culture to teach the molecular basis of plant development. Topics covered will include: 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 **Semester:** 2

▶ **LSB508 ADVANCED METABOLISM**

Detailed information is provided on the catabolic and anabolic pathways for the major macromolecules 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.

Courses: SC01

Prerequisites: LSB408

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 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 student's 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 **Semester:** 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 **Semester:** 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 which are important in biomedical research and diagnostic investigations.

Courses: SC01

Prerequisites: LSB308

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 1

▶ **LSB528 ENVIRONMENTAL MICROBIOLOGY**

A unit designed to provide students with an understanding of how the microbial world interacts with the environment. Topics covered include 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; and bioremediation of plants, soil and water.

Courses: SC01

Prerequisites: LSB428

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 1

▶ **LSB537 GENETIC ENGINEERING**

Genetic Engineering aims to impart an understanding of the manipulative skills involved in experiments aimed at recombining DNA molecules as well as 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 **Semester:** 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 will also be presented and critically discussed with respect to bacterial pathogen laboratory diagnosis (ie specimen management, pathogen isolation and identification) and antimicrobial therapies. Students will be 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 **Semester:** 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, pathophysiol-

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ogy, 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 **Semester:** 1

► **LSB558 ADVANCED PHYSIOLOGY**

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, will be 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 **Semester:** 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 **Semester:** 1

► **LSB568 ELECTRON MICROSCOPY**

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 complimentary 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 **Semester:** 1

► **LSB577 PLANT BIOTECHNOLOGY 1**

The potential of plant biotechnology can only be recognised 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 will be 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 **Semester:** 1

► **LSB578 VIROLOGY**

Lectures and practical classes 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: LSB428

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 2

► **LSB607 PROTEIN PURIFICATION**

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 **Semester:** 2

► **LSB608 PROTEIN SCIENCE**

Lectures, tutorials and practicals dealing with properties and analyses of proteins. Students will gain knowledge and experience of the forces that determine protein structure, and an understanding of the techniques for analysing and altering protein properties. Discussion will 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 **Semester:** 2

► **LSB609 MEDICAL BIOTECHNOLOGY 2**

Students undertaking Medical Biotechnology should have a thorough understanding of diagnostics and therapeutics in the commercial environment of biotechnology. LSB609 aims to increase the student's understanding of cell-based strategies, approaches and applications used as therapeutic interventions in medicine. The unit will focus on current state-of-the-art applications within therapeutic biotechnology as directed to novel drug discovery and the development of novel therapeutic agents, such as genes for gene therapy, proteins and peptides for immunotherapy and cell-based vaccines.

Courses: LS50, SC01

Prerequisites: LSB509
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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.

Courses: LS50, LS70, LS80, SC01

Prerequisites: LSB537

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 2

► **LSB628 FOOD MICROBIOLOGY**

A unit that covers the most significant areas of food microbiology at an advanced level. Topics include aspects of microbial ecology of foods, microbial spoilage and preservation, microorganisms of public health significance, food fermentations, and 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 will be established.

Courses: SC01

Prerequisites: LSB428

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **LSB635 DIAGNOSTIC MICROBIOLOGY 2**

This advanced level unit completes preparation of the student for a career in a routine diagnostic microbiology laboratory by extending upon foundation topics covered in LSB435 Diagnostic Microbiology 1. Diagnostic Bacteriology, Mycology and Parasitology are the three key areas addressed in this unit. This unit continues a strong commitment to professional practice by developing high level generic and specific skills. Specific discussion points include (where relevant): life cycles, specimen management, classification systems, diagnostic protocols (isolation, identification and antimicrobial susceptibility), pathogen acquisition, control measures and patient management. Students will be encouraged to think critically in an interactive learning environment.

Courses: LS37

Prerequisites: LSB435, LSB535
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **LSB647 CLINICAL MYCOLOGY AND PARASITOLOGY**

A third year unit in microbiology with aspects of fungal taxonomy, classification of clinical mycoses, collection of material for fungal isolation and identification of superficial, subcutaneous, systemic and opportunistic mycoses. Parasitology will include 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 **Semester:** 2

► **LSB648 MOLECULAR MICROBIOLOGY**

A third year unit in microbiology with aspects of microbial pathogenesis which includes microbial interactions with higher organisms, biological, cellular and molecular basis of infectious disease, human host defences, virulence factors of microorganisms, molecular phylogeny and taxonomy, methods for detection and typing of microorganisms, the structure of bacterial cells and mechanisms of antibiotic resistance.

Courses: SC01

Prerequisites: LSB428

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 2

► **LSB657 PERSPECTIVES IN LIFE SCIENCE**

Positive and negative aspects of humanity's utilisation of resources are critically analysed. Topics include humanity's food supply, humanity's profligate consumption of energy, global climate change, losses of soils and ecosystems and species, and 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

UNIT SYNOPSES

- Campus:** GP **Semester:** 2
- **LSB658 CLINICAL PHYSIOLOGY**
Students will 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 **Semester:** 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 **Semester:** 2
- **LSB677 PLANT BIOTECHNOLOGY 2**
This unit will expand on topics introduced in earlier units and will address 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 include topics such as: advanced applications of transgenic plants, functional genomics and gene discovery, specific genes and gene families, molecular markers and mapping, and gene silencing.
Courses: LS50, LS70, SC01
Prerequisites: LSB577
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2
- **LSB709 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 RandD proposal developed in LSB409 Readings in Biotechnology. The unit will guide 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.
Courses: LS50 **Credit points:** 36
Campus: GP **Semester:** 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.
Courses: SC60 **Credit points:** 6
Campus: GP **Semester:** 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.
Courses: SC60 **Credit points:** 6
Campus: GP **Semester:** 1, 2
- **LSB851-1 READINGS IN LIFE SCIENCE 1**
The preparation of a literature review of direct and associated relevance to the Honours research project under the guidance of the supervisor(s). Includes 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.
Courses: SC60
Credit points: 12
Campus: GP **Semester:** 1, 2
- **LSB851-2 READINGS IN LIFE SCIENCE 1**
Courses: SC60
Credit points: 12
Campus: GP **Semester:** 1, 2
- **LSB852-1 PROJECT**
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.
Courses: SC60 **Credit points:** 30
Campus: GP **Semester:** 1, 2
- **LSB852-2 PROJECT**
Courses: SC60 **Credit points:** 30
Campus: GP **Semester:** 1, 2
- **LSN009 READINGS IN LIFE SCIENCE 4**
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 **Semester:** 1
- **LSN011 RESEARCH SEMINARS IN LIFE SCIENCE 1**
A formal seminar to include an oral presentation (25 minutes) and question period (5-10 minutes). The presentation will provide a comprehensive and informative critique of a specific topic in the postgraduate degree and will outline the planned research program, where applicable. Prescriptive guidelines 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 coursework co-ordinator. This unit complements LSN013.
Courses: IF49, SC80 **Credit points:** 6
Campus: GP **Semester:** 1, 2
- **LSN013 READINGS IN LIFE SCIENCE 3**
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 **Semester:** 1, 2
- **LSN023 RESEARCH SEMINARS IN LIFE SCIENCE 3**
A formal seminar to include an oral presentation (45-60 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 must be followed in this regard.
Courses: IF49, SC80 **Credit points:** 12
Campus: GP **Semester:** 1, 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 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 **Semester:** 1
- **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; 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, and basic cardiac pharmacology.
Courses: PH75, PH85
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1
- **LSN710 PROJECT**
A Research Project conducted in an area selected by the student in consultation with their supervisor(s) and the coursework coordinator. The first part of the project involves compilation and writing of a critical Literature Review on the research topic focussing on clarification of knowledge gaps together with an outline of the planned research to follow. The second and major part of the project will be the supervised research itself. A Research Project Report will be written in a style to present the data. Prescriptive guidelines must be followed for both the Literature Review document and the Research Project Report.
Courses: LS80 **Credit points:** 48
Campus: GP **Semester:** 1, 2
- **LSN711 PROJECT 1**
A critical Literature Review will be written on a topic selected by the student in consultation with their supervisor(s) and the coursework coordinator. This review will focus on clarification of knowledge gaps and, where applicable, will provide an outline of the planned research to follow in LSN712 Project 2. Prescriptive guidelines must be followed for the compilation and writing of the Literature Review document.
Courses: LS80 **Credit points:** 24
Campus: GP **Semester:** 1, 2
- **LSN712 PROJECT 2**
A Research Project conducted in an area selected by the student in consultation with their supervisor(s) and the coursework coordinator. This unit is normally a follow-on from LSN711 Project 1. A Research Project Report will be written in a style to present the data and prescriptive guidelines must be followed in this regard.
Courses: LS80 **Credit points:** 24
Campus: GP **Semester:** 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 those essential entrepreneurial techniques of launching a biotechnology business. The unit focus will be 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 together with the ability to identify and comprehend the steps involved in setting up a new biotechnology enterprise.

UNIT SYNOPSES

Courses: LS70, LS80

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 1

► LWB136 CONTRACTS A

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. Topics include formation of contracts; equitable estoppel; privity; formalities; terms.

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 **Semester:** 1, 2

► LWB137 CONTRACTS B

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. Topics include discharge; performance; agreement; frustration; remedies; vitiating factors (misrepresentation, mistake, undue influence, duress, unconscionable contracts, illegality).

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 **Semester:** 2, 3

► 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 **Semester:** 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 you may develop the knowledge, understanding and skills necessary to maintain in the future your 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 **Semester:** 2, 3

► LWB141 LEGAL INSTITUTIONS AND METHOD

This unit aims to introduce 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 aims to emphasise 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 **Semester:** 1, 2

► LWB142 LAW, SOCIETY AND JUSTICE

This unit will examine 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 will look 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 will finally address 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 **Semester:** 1

► LWB143 LEGAL RESEARCH AND WRITING

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. 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 **Semester:** 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 will introduce and explain the fundamental structures and principles of Comparative Law, Public International Law and Private International Law; and examine 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 **Semester:** 2

► LWB231 INTRODUCTION TO PUBLIC LAW

The basic institutions of government: the executive, the Parliament and the judiciary; the general principles to which legislative power is subject, and 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 **Semester:** 1

► LWB235 AUSTRALIAN FEDERAL CONSTITUTIONAL LAW

The constitutional arrangements effected by the Commonwealth Constitution; the structure and institutions of the constitution; the division of power between Commonwealth and states; and relations between the different levels of government; emphasis to Commonwealth legislative powers, 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 **Semester:** 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 concept of property, land ownership in Australia, native title, ownership, possession and title, ownership rights, law and equity, land transactions, and the Torrens system.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Prerequisites: LWB143, LWB240 or equivalent
Corequisites: LWB240 or equivalent
Contact hours: 3 per week **Credit points:** 12
Incompatible with: LWB201, LWB233
Campus: GP, EXT **Semester:** 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: 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 **Semester:** 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 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 while also developing 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 **Semester:** 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 **Semester:** 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 is necessary to an understanding of how the Australian legal system operates and 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 **Semester:** 1

► LWB241 TRUSTS

Trusts are a fundamental institution of ownership of property in equity and they are used for various purposes including estate planning, commer-

cial, 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. The aim of this unit is to provide a coherent knowledge and understanding of the law relating to trusts 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 **Semester:** 2

► **LWB302 FAMILY LAW**

The manner in which the law treats the special social relationships which exist among members of a family and transforms them into legal rights and duties. 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 **Semester:** 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 will be on the Integrated Planning Act 1997 and planning documents made under this legislation. A range of topics will be 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 **Semester:** 1

► **LWB307 INSOLVENCY LAW**

Examines 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; and 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

► **LWB308 INDUSTRIAL LAW**

The employment relationship is one which affects 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 your 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: GP, EXT

► **LWB309 SUCCESSION**

Examines the law with respect to wills and probate and involves 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, as well as 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 **Semester:** 1

► **LWB312 REAL ESTATE TRANSACTIONS**

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: 3 per week **Credit points:** 12
Campus: GP, EXT **Semester:** 1

► **LWB313 DISCRIMINATION & EQUAL OPPORTUNITY LAW**

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 **Semester:** 1

► **LWB331 ADMINISTRATIVE LAW**

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 **Semester:** 2

► **LWB332 COMMERCIAL AND PERSONAL PROPERTY LAW**

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 **Semester:** 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. The unit content 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 **Semester:** 1

► **LWB334 CORPORATE LAW**

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 concen-

trate 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 **Semester:** 2

► **LWB353 SELECT ISSUES IN LAW AND GOVERNMENT**

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:** 8
Campus: GP, EXT

► **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 **Semester:** 2

► **LWB359 ADVANCED TAXATION LAW**

Examines the taxation of business entities. The taxation processes for partnerships, trusts and companies will be 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 will also be 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 **Semester:** 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

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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

► LWB364 INTRODUCTION TO TAXATION LAW

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 will then 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 **Semester:** 1

► LWB366 LAW OF COMMERCIAL ENTITIES

The legal principles pertaining to a number of different structures found in commercial life. A brief consideration of corporations; more detailed examination of partnerships, unit trusts, joint ventures incorporated associations. A consideration is given to the definition of these structures, relationship with third parties, 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 **Semester:** 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 will examine in some detail particular aspects of the law applicable to these bodies, for example 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 **Semester:** 1

► LWB406 FUNDAMENTALS OF PUBLIC INTERNATIONAL LAW

The legal rules which govern the activities of nations and the regulation of the activities of nations by international organisations, such as the UN. 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: sover-

eignty, international responsibility. The law of armed conflict.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 2 per week **Credit points:** 12
Campus: GP, EXT **Semester:** 2

► LWB407 PRIVATE INTERNATIONAL LAW

The body of law governing the resolution of private legal problems with a significant foreign (or inter-state) element. Topics studied include: 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, both 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

► LWB410 COMPETITION LAW

An overview of the anti-competitive practices which are proscribed by Part IV and Part XIB of the Trade Practices Act 1974 (Cwlth). It will also deal 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 will also be considered.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93
Contact hours: 2 per week **Credit points:** 12
Campus: GP, EXT **Semester:** 1

► LWB412 RESEARCH AND WRITING PROJECT

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 **Semester:** 1, 2

► LWB413 QUEENSLAND PARLIAMENTARY INTERNSHIP PROGRAM

This unit provides an opportunity for students to learn about the workings of the Queensland Parliament and 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 is able to 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 **Semester:** 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 **Semester:** 1, 2

► LWB418 COMPETITION MOOTS 1

If you have completed the core units in first and second year, enjoy working under pressure and have participated in at least one moot as counsel, you may apply when applications are called for. Places are very limited, but if you are successful, you will be able to take your 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, you may be required to work on your 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 **Semester:** 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 **Semester:** 1, 2

► LWB420 INTERNSHIP

The aim of this unit, to be ideally 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 **Semester:** 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 **Semester:** 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

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Contact hours: 3 per week **Credit points:** 12
Incompatible with: LWB402
Campus: GP, EXT **Semester:** 1, 2

► LWB433 PROFESSIONAL RESPONSIBILITY

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; including 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 **Semester:** 2

► LWB434 ADVANCED RESEARCH AND LEGAL REASONING

Advanced skills of legal research, analysis, problem-solving, critical thinking, and writing for diverse purposes; 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 **Semester:** 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. A 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 **Semester:** 1, 2

► LWB452 ASIAN LEGAL SYSTEMS

This unit introduces students to the legal systems of countries in North and South East Asia, and the social and political institutions that underpin those legal systems. Understanding, analysis and comparison between the various legal systems. It introduces students to the different legal cultures of the region, and study is structured to bring out the similarities as well as differences between the relevant legal systems. A broad approach is taken: students consider the systems' historical development, the cultural background of the society in which the law works, and the formal structures of government before examining whether there is a gap between 'law in books' and 'law in practice'.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Contact hours: 2 per week **Credit points:** 8
Campus: GP, EXT

► 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

► LWB456 LEGAL CLINIC (ORGANISED PROGRAM)

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 which 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

Semester: 2

► LWB458 REGULATION OF COMMERCIAL TRANSACTIONS

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 will also consider the provisions of the Australian Securities and Investment Act and the Financial Services Reform Act 2001 which regulate financial services. Finally, the unit will consider 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: 3 per week **Credit points:** 12
Campus: GP, EXT **Semester:** 2

► LWB461 PRIVATE LAW REMEDIES

Students develop an overall perspective on and deeper understanding of the subject of remedies. The unit is designed to give students a knowledge of the principles underlying the availability of various private law remedies, and to introduce students to an understanding of the circumstances which may give rise to a claim for restitution. It also develops a knowledge and understanding of the choice and range of private law remedies and defences and the capacity to make sound judgments in electing which remedies to pursue against a background of heterogeneous fact situations.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Prerequisites: LWB132 or equivalent, LWB133 or equivalent, LWB234 or equivalent

Contact hours: 2 per week **Credit points:** 8
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 **Semester:** 2

► LWB482 INTERNET LAW

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 **Semester:** 1

► LWB483 MEDICO-LEGAL ISSUES

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 **Semester:** 2

► LWB484 ELECTRONIC COMMERCE AND TECHNOLOGY CONTRACTS

This unit will allow a student to: 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; and 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

► LWB485 ENVIRONMENTAL LAW

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; conservation; 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 **Semester:** 1

► 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 **Semester:** 2

► LWB487 MARITIME LAW

Examines the laws governing shipping, an essential feature of commerce for Australia as an island nation. Topics covered include shipping contracts, such as charter parties and bills of lading, international rules governing the sea carriage of cargo (the amended Hague Rules and Hamburg Rules) and marine insurance, as well as matters affecting the conduct of ships such as collisions, salvage, oil pollution and limitation of liability.

Courses: LW33, LW42, IF07, IF10, IF37, IF38, IF39, IF41, IF43, IF93

Prerequisites: LWB132 or equivalent, LWB133 or equivalent

Contact hours: 2 per week **Credit points:** 8
Campus: GP, EXT

► LWB492 SECURITIES

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 mortgagor 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 will also be examined. Provisions of the Trade Practices Act 1974 as they affect the validity and operation of securities will also be 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

UNIT SYNOPSES

► **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); 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

► **LWN022 BANKING AND FINANCE LAW**

Topics include: 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; and 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**

A supervised research project of about 10,000 words over one semester approved 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

Contact hours: GP, EXT **Credit points:** 12
Semester: 1, 2

► **LWN026 RESEARCH PROJECT 2A**

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

Contact hours: GP, EXT **Credit points:** 24
Semester: 1, 2

► **LWN030 DISPUTE RESOLUTION/MEDIATION**

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: mediation in Australia; theories of mediation; different forms of mediation, ie neighbourhood, family, commercial; the advantages and disadvantages of mediation; power imbalance; when mediation is not appropriate; ethical and professional issues relating to mediation.

Courses: LW50, LW51, LW60

Contact hours: 26 **Credit points:** 12
Campus: GP **Semester:** 1, 2

► **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

Contact hours: 12 **Credit points:** 12
Semester: 1, 2

► **LWN033 CREDIT FOR UQ SUBJECT 2**

See LWN032.

Courses: LW51, LW60

Credit points: 12

Semester: 1, 2

► **LWN034 CREDIT FOR UQ SUBJECT 3** See LWN032.

Courses: LW51, LW60

Credit points: 24

Semester: 1, 2

► **LWN035 MEDICO-LEGAL ISSUES**

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. Topics include: 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

► **LWN043 LAW OF COMPANY TAKEOVERS**

Consideration of Chapter 6 of the Corporations Law which regulates acquisitions of shares affecting a change in a company's control. Both practical perspectives and conceptual analysis are emphasised.

Courses: LW51, LW60

Contact hours: 26

Credit points: 12

► **LWN046 ADVANCED PLANNING LAW**

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 will be placed on the integrated development assessment system, both transitionally and under full IDAS. Topics will include: 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

Semester: 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; and a variety of teaching styles/techniques and the appropriateness and effectiveness of each. Consideration will be 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

Credit points: 12

Campus: GP

► **LWN048 ADVANCED LEGAL RESEARCH**

The unit deals with the concepts, techniques, aims and methods of legal research and other research relevant to an interdisciplinary perspective. It includes extensive training in finding

source material, the use of advanced technology in locating and organising source materials. The unit also deals at length with the presentation and defence of research including the respective roles of researcher and supervisor, structuring research material in support of a thesis, 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 and quality and ethics of research.

Courses: LW51, LW60

Contact hours: 26 over 5 days

Credit points: 12

Campus: GP

Semester: 2

► **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 will introduce you to the fundamental principles structuring international environmental law, discuss the principal institutions, cases and treaties in this field and explore the impact of international environmental obligations on natural resource management in Australia. The unit will highlight 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

► **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 conduct and access to essential services are contained in the Trade Practices Act 1974 (Cwlth)(the Act). 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.

Courses: LW51, LW60

Contact hours: 2 per week

Credit points: 12

Campus: GP, EXT

Semester: 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 which 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

Semester: 2 (2002) and 2

► **LWN053 RESEARCH PROJECT 1B** See LWN025.

Courses: LW51, LW60

Prerequisites: LWN025

Credit points: 12

Campus: GP, EXT

Semester: 1, 2, 3

► **LWN056 RESEARCH PROJECT 1C** See LWN025.

Courses: LW51, LW60

Prerequisites: LWN025, LWN053

Credit points: 12

Campus: GP, EXT

Semester: 1, 2, 3

► **LWN057 RESEARCH PROJECT 1D** See LWN025.

Courses: LW51, LW60

UNIT SYNOPSES

Prerequisites: LWN025, LWN053, LWN056
Credit points: 12
Campus: GP, EXT **Semester:** 1, 2, 3

► **LWN058 RESEARCH PROJECT 2B**

See LWN026.

Courses: LW51, LW60

Prerequisites: LWN026 **Credit points:** 24
Campus: GP, EXT **Semester:** 1, 2, 3

► **LWN060 ENVIRONMENTAL LEGAL SYSTEM**

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, conservation of the natural and cultural environments.

Courses: LW51, LW60

Contact hours: 26 over 5 days

Credit points: 12 **Campus:** GP

► **LWN061 NATURAL RESOURCES LAW**

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: 2 per week **Credit points:** 12

Incompatible with: LWN014, LWN027

Semester: 2

► **LWN062 FEDERAL ENVIRONMENTAL LAW**

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 **Semester:** 2

► **LWN063 COMPARATIVE ENVIRONMENTAL LAW**

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, the European Union, South Africa, India, New Zealand and the USA.

Courses: LW51, LW60

Contact hours: 26 over 5 days

Credit points: 12 **Campus:** GP

► **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 **Semester:** 2

► **LWN070 CREDIT FOR UQ SUBJECT 4**

See LWN026.

Courses: LW51, LW60

Prerequisites: LWN026

Campus: GP, EXT **Semester:** 1, 2, 3

► **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 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

Semester: 2

► **LWN076 INTERNATIONAL COMMERCIAL DISPUTES**

This unit addresses legal issues regarding the resolution of commercial disputes in international trade. 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

► **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 has 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 **Semester:** 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 which allows for a more sophisticated level of conceptual analysis and synthesis than was appropriate at an undergraduate level.

Courses: LW51, LW60

Contact hours: 26 **Credit points:** 12

Campus: GP **Semester:** 2

► **LWN088 GOVERNMENT LAW, POLICY AND PRACTICE**

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 internationalisation of Aus-

tralian 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 and 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**

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: 2 per week **Credit points:** 12

Campus: GP

► **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 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: 2 per week **Credit points:** 12

Campus: GP **Semester:** 1

► **LWN095 NATIVE TITLE LAW AND POLICY**

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: 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 **Semester:** 1

► **LWN097 CORPORATE INSOLVENCY**

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 will 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 **Semester:** 1

► **LWN099 INTELLECTUAL PROPERTY LAW**

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.

UNIT SYNOPSES

Courses: LW51, LW60

Contact hours: 26 hours over four days

Credit points: 12 **Campus:** GP

► LWN100 HONOURS DISSERTATION

A dissertation by students enrolled in the Master of Laws by Coursework who have completed 96 credit points. 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 **Semester:** 1

► LWN111 PUBLIC LAW AND GOVERNMENT COMMERCIAL ACTIVITY

Examines the reach of public law remedies in the field of commercial activities in which government agencies are involved. Areas covered include corporatisation, outsourcing and privatisation.

Courses: LW51, LW60

Contact hours: 2 per week **Credit points:** 12

Campus: GP, EXT **Semester:** 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 will consider 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: 2 per week **Credit points:** 12

Campus: GP **Semester:** 2

► LWN117 LEGAL REGULATION OF THE INTERNET

This unit studies the law as it relates to the Internet; both existing legal principles being 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 will include such topics as: an introduction to legal issues relating to the Internet and methods of regulation; creation and operation of web sites; jurisdictional issues on the World Wide Web.

Courses: LW51, LW60

Contact hours: 2 per week **Credit points:** 12

Campus: GP

► 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 will provide 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

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, 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: 2 per week **Credit points:** 12

Campus: GP

► LWN122 COMMERCIAL LEASES

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: 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: 2 per week **Credit points:** 12

Campus: GP

► LWN124 CONTEMPORARY FAMILY ISSUES

This unit will examine 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 will be 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 will be examined.

Courses: LW51, LW60

Contact hours: 26 **Credit points:** 12

Incompatible with: LWN003 **Campus:** GP

► LWN125 ELECTRONIC COMMERCE LAW

This unit will consider the following topics: introduction to electronic commerce; contractual issues; electronic signatures; electronic monies; certification authorities; cyberbanking; payment mechanisms; taxation; and 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: Intensive **Credit points:** 12

Campus: GP **Semester:** 2

► LWN126 THE LAW OF COSTS

This unit will provide a complete analysis of the law of costs in Queensland. The first part of the course will deal with the general principles of the law of costs relevant to Queensland practitioners and the extent to which the common law rules has 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 will cover 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 **Semester:** 1

► LWN128 ADVANCED INSURANCE LAW 2

This unit will focus on selected topics on insurance law which pre-suppose a knowledge of insurance law contained in LWN127 Advanced Insurance Law 1. For example, 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 **Semester:** 2

► 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 **Credit points:** 12

Campus: GP **Semester:** 1

► 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: 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, LW60

Contact hours: 2 per week **Credit points:** 12

Campus: GP, EXT **Semester:** 1

► LWN132 PUBLIC SECTOR EMPLOYMENT LAW AND POLICY

The main topics to be addressed include: 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

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 are 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

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 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: LW50, LW51, LW60

Contact hours: 2 per week **Credit points:** 12
Campus: GP

► **LWN138 COMPARATIVE CULTURAL HERITAGE LAW**

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 of the unit is upon cultural heritage values associated with land and land-related resources.

Courses: LW51, LW60

Contact hours: 2 per week **Credit points:** 12
Campus: GP

► **LWN139 PRIVACY LAW**

This unit covers an introduction to the concept of privacy, including both 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: Intensive **Credit points:** 12
Campus: GP **Semester:** 1

► **LWN141 WOMEN AND THE AUSTRALIAN LEGAL SYSTEM**

The primary aim of this unit is to provide students with an alternative perspective on the legal system, particularly in relation to the experience of women in both the criminal and civil justice areas. In this unit you will acquire an understanding of how the legal process affects women and be able to critically analyse substantive laws having regard to their failure to embody women's experiences in both the civil and criminal justice systems.

Courses: JS51, LW51, LW60

Contact hours: 26 **Credit points:** 12

► **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 you to factors that shape a country's legal system such as its history, political systems, culture and language. It also examines key features of the constitutions of the countries and particular aspects of the legal system, which are unique or different from other countries.

Courses: LW51, LW60

Contact hours: 26 hours 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 you 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 you 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 **Semester:** 2

► **LWN145 CORPORATE AND INVESTMENT REGULATION**

Regulation is no longer solely a government issue any more, Enron, HIH and One Tel have taught us it is an issue that both the private and public sectors must embrace and learn quickly. Lawyers and corporate advisers must now think outside the square and keep abreast of an ever-changing legal and corporate environment. This unit will develop a forward thinking approach to corporate and investment regulation and promote practical and analytical appraisal of the issues arising in relation to the regulation of companies and investment.

Courses: LW51, LW60

Campus: GP **Semester:** 1

► **LWN146 INTERNATIONAL AND COMPARATIVE INTELLECTUAL PROPERTY LAW (ASIA PACIFIC)**

The unit will provide you with an introduction to international intellectual property and policy issues and their connection with European Union (EU) efforts to create an internal market with a level playing field for the protection of intellectual property. The unit will also consider 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

Semester: 1

► **LWN147 PATENT LAW AND COMMERCIALISATION**

This unit considers patent law in the context of information technology and biotechnology products. It will overview the fundamental elements of patent law and as well as introduce you to legal issues involved in the commercialisation of information technology and biotechnology.

Courses: LW51, LW60

Contact hours: 2 per week **Credit points:** 12

Campus: GP

Semester: 2

► **LWN150 DEATH, DECISIONS AND THE LAW**

As a person nears the end of their life, 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: 2 per week **Credit points:** 12

Campus: GP

Semester: 2

► **LWN151 SELECT ISSUES IN PROPERTY LAW**

The principles and practice relating to transactions of real property are rapidly becoming more complex, the complexity being driven by continuing statutory intervention in what had been for many years traditionally settled relationships eg 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 will examine legislation affecting these relationships.

Courses: LW51, LW60

Contact hours: 2 per week **Credit points:** 12

Campus: GP

Semester: 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 wholly 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: 2 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **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: 2 **Credit points:** 12
Campus: GP **Semester:** 2

► **LWR003 THESIS**

A dissertation 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

Contact hours: 24 **Credit points:** 24

Campus: GP, KG

Semester: 1, 2

► **LWS001 MEDICINE AND THE LAW**

The impact of some important fields of law upon the medical profession and upon hospital staff, patients and visitors. Introduction to law and the legal system. The Federal and State systems; general principles of the law of tort; principles of negligence; liability of hospitals; issues of consent; legal aspects of medical practice; medico-legal investigations; abortion law; euthanasia and transplantation issues.

Courses: PU40

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 2

► **LWS006 HEALTH, ETHICS AND THE LAW**

The legal issues associated with the matter of public health and an appreciation of the legal and ethical implications of the work done by health care professionals in this area. Topics include: introduction to the Australian legal system; tort law and its impact on the public health system; workplace health and safety legislation; medical records and confidentiality; criminal law and the health care profession; transplantation of organs and tissues; complaints against hospitals and health care professionals.

Courses: HL88, NS64, PU65, PU69

Contact hours: 3 per week **Credit points:** 12

Campus: KG

► **LWS400 LAW OF INFORMATION TECHNOLOGY**

In this unit information technology students discover the legal rights and remedies associated with electronic commerce, software development and licensing. Topics include: contemporary issues; copyright; patents; trade marks; circuit layouts; software licensing and development agreements; electronic commerce; public and private security; civil and criminal liability on the Internet; and potential risk management strategies. You will also gain a basic understanding of the Australian legal system, contract law, licensing, tort law, and trade practices law as it relates

UNIT SYNOPSES

to the development and implementation of information technology.

Courses: IT21, IT35, IT38, IT40, IT45

Contact hours: 3 per week **Credit points:** 12
Campus: GP

► MAB100 MATHEMATICAL SCIENCES 1A

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

Contact hours: 4 per week **Credit points:** 12
Incompatible with: MAB180, MAB131
Campus: GP **Semester:** 1, 2, 3

► MAB101 STATISTICAL DATA ANALYSIS 1

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, 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, LS50, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB105

Contact hours: 4 per week **Credit points:** 12
Incompatible with: EFB101, MAB135, MAB136, MAB137, MAB138, MAB893
Campus: GP, CA **Semester:** 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. 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, maxima and minima and applications; integration and applications.

Courses: SC01, any other appropriate course
Contact hours: 4 per week **Credit points:** 12
Incompatible with: MAB107, MAB100, MAB111, MAB131, MAB180
Campus: GP, CA **Semester:** 1, 2, 3

► MAB107 INTRODUCTORY MATHEMATICS AND STATISTICS

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 **Semester:** 2

► MAB111 MATHEMATICAL SCIENCES 1B

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. Rolles theorem, mean value theorem. Hyperbolic and trigonometric functions including inverses. L'Hopitals rule. Functions of more than one variable, partial derivatives, differentials and applications. Taylor series. Riemann sums. Fundamental theorems of integral calculus. Solids of revolution; 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
Contact hours: 4 per week **Credit points:** 12
Incompatible with: MAB131, MAB180
Campus: GP **Semester:** 1, 2, 3

► MAB112 MATHEMATICAL SCIENCES 1C

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
Corequisites: MAB111
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► MAB131 ENGINEERING MATHEMATICS 1A

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, ME40, ME41, ME42, ME43, ME48, SC01
Prerequisites: MAB100

Contact hours: 4 per week **Credit points:** 12
Incompatible with: MAB111, MAB180, MAB187
Campus: GP **Semester:** 1, 2

► MAB132 ENGINEERING MATHEMATICS 1B

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, ME36, ME40, ME41, ME42, ME43, ME48, SC01

Prerequisites: MAB131 or MAB180
Contact hours: 4 per week **Credit points:** 12
Incompatible with: MAB188
Campus: GP **Semester:** 1, 2, 3

► MAB133 ENGINEERING MATHEMATICS 2

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 **Semester:** 1

► MAB134 ELECTRICAL ENGINEERING MATHEMATICS 3

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 **Semester:** 1

► MAB135 ELECTRICAL ENGINEERING MATHEMATICS 4

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: Prior pass in MAB413, MAB101

Campus: GP **Semester:** 2

► MAB136 ENGINEERING STATISTICS

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, prior pass in MAB135
Semester: 2

► MAB137 SURVEYING MATHEMATICS 1

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 **Semester:** 1

► **MAB138 ENGINEERING STATISTICS AND NUMERICAL METHODS**

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. 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, MAB101, MAB135
Campus: GP **Semester:** 1

► **MAB139 COMPUTER ENGINEERING MATHEMATICS 3**

Simpson's rule, Newton-Raphson method, eigenvalues and eigenvectors, quadratic forms, complex matrices; Complex numbers, 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 **Semester:** 1

► **MAB140 QUANTITATIVE METHODS FOR OPTOMETRY AND HEALTH SCIENCE**

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; sampling 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 **Semester:** 1

► **MAB141 MATHEMATICS AND STATISTICS FOR MEDICAL SCIENCE**

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. Statistics: data collection and presentation; probability; binomial and Poisson distributions; hypothesis testing; confidence intervals; design of experiments; regression; control charts.

Courses: LS37
Contact hours: 4 per week **Credit points:** 12
Incompatible with: MAB140
Campus: GP **Semester:** 1

► **MAB180 ENGINEERING MATHEMATICS 1**

Sine and cosine functions, logarithmic functions, exponential functions; 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, ME40, ME41, ME42, ME43, ME48, SC01
Prerequisites: MAB105
Contact hours: 4 per week **Credit points:** 12
Incompatible with: MAB111, MAB131, MAB187
Campus: GP **Semester:** 1, 2

► **MAB209 MATHEMATICS FOR SOFTWARE COMMUNICATION**

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 queuing 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, CA **Semester:** 1, 2

► **MAB210 STATISTICAL MODELLING 1**

Probability; independence, system reliability; using conditional probability in modelling; introductory Markov chains; random variables; special distributional models; Bernoulli process; Poisson process; exponential; introductory queuing processes; simulating processes; expected values and moments; 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
Corequisites: MAB111, MAB112
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **MAB220 COMPUTATIONAL MATHEMATICS 1**

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
Corequisites: MAB100 or MAB131 or MAB180
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► **MAB311 ADVANCED CALCULUS**

Polar coordinates, parametric equations, conic sections, quadric surfaces, vector-valued functions. Fourier series. Functions of several variables: graphs, partial derivatives, total derivatives, extrema, Lagrange multipliers; Taylor series for multivariable functions; double and triple integrals, Green's theorems, line and surface integrals, divergence theorem, Stoke's theorem, 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 **Semester:** 1

► **MAB312 LINEAR ALGEBRA**

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 **Semester:** 1

► **MAB313 MATHEMATICS OF FINANCE**

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 **Semester:** 1

► **MAB314 STATISTICAL MODELLING 2**

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; queuing 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, 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 **Semester:** 1

► **MAB315 OPERATIONS RESEARCH 2**

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 **Semester:** 2

► **MAB380 INTRODUCTION TO SUPERCOMPUTING**

Materials covered in this unit include; background, concepts and trends in supercomputing; Amdahl's law, speed-up and efficiency; an introduction to high level scientific development environments through the exploration of multi-disciplinary case studies from science; introduction to MATLAB in a high performance scientific computing environment; solving computationally intensive case studies using supercomputing tools and techniques.

Courses: IF21, IF58, IT21, MA54, MA65, MA75, MA85, SC01, SC20, SC51
Prerequisites: MAB111, (ITB111 or ITB410, ITB112 or ITB848) or ITN600
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **MAB413 DIFFERENTIAL EQUATIONS**

Introduction to 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 **Semester:** 2

► MAB414 APPLIED STATISTICS 2

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 **Semester:** 2

► MAB420 COMPUTATIONAL MATHEMATICS 2

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, ITB111

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► MAB422 MATHEMATICAL MODELLING

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 **Semester:** 2

► MAB481 VISUALISATION AND DATA ANALYSIS

This unit covers; 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 2D and 3D 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, IT21, MA54, MA65, MA75, MA85, SC01, SC20, SC51

Prerequisites: MAB101, MAB111, ITB111 or ITB410 or ITN600, MAB112 recommended

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► MAB521 APPLIED MATHEMATICS 3

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 **Semester:** 1

► MAB522 COMPUTATIONAL MATHEMATICS 3

Topics from: 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 **Semester:** 1

► MAB523 INTRODUCTION TO QUALITY MANAGEMENT

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 **Semester:** 1

► MAB524 STATISTICAL INFERENCE

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; 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 **Semester:** 2

► MAB525 OPERATIONS RESEARCH 3A

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 **Semester:** 1

► MAB526 STATISTICAL SCIENCE 3

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
Campus: GP **Semester:** 1

► MAB580 SCIENTIFIC COMPUTATION

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, IT21, MA54, MA65, MA75, MA85, SC01, SC20, SC51

Prerequisites: MAB380, MAB481

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► MAB613 PARTIAL DIFFERENTIAL EQUATIONS

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 **Semester:** 2

► MAB621 DISCRETE MATHEMATICS

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 **Semester:** 2

► MAB623 FINANCIAL MATHEMATICS

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

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► MAB624 APPLIED STATISTICS 3

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
Campus: GP **Semester:** 2

► MAB625 OPERATIONS RESEARCH 3B

Phases of an operations research study: decision analysis; queuing theory; simulation; 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 **Semester:** 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

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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 **Semester:** 2

► MAB672 ADVANCED MATHEMATICAL MODELLING

Models will be developed beginning with the description of 'real world' problems. Emphasis will be on the mathematical modelling and not on the development of new mathematical techniques. 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: MAB413, MAB422

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► MAB681 ADVANCED VISUALISATION AND DATA ANALYSIS

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, and presentation of the project outcomes.

Courses: IF58, IT21, MA54, MA65, MA75, MA85, SC01, SC20, SC51

Prerequisites: MAB380, MAB481

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► MAB730 SURVEYING MATHEMATICS 2

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:** MAB137

Contact hours: 4 per week **Credit points:** 12
Incompatible with: MAB496, MAB795

Campus: GP **Semester:** 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 may also include material delivered in a workshop for industry participants.

Courses: MA65, MA75, MA85

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2, 3

► 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 **Semester:** 1, 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 **Semester:** 1, 2

► 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 **Semester:** 1, 2

► MAN761 ANALYSIS

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 **Semester:** 2

► MAN762 FIELD THEORY

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 **Semester:** 1

► MAN764 APPLIED MATHEMATICAL MODELLING

This unit will enable 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 will 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 will be 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 **Semester:** 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, MAB624 recommended

Contact hours: 3 per week **Credit points:** 12
Incompatible with: MAB765

Campus: GP **Semester:** 1

► MAN766 APPLIED TIME SERIES ANALYSIS

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: MAB526, MAB524 recommended

Contact hours: 3 per week **Credit points:** 12
Incompatible with: MAB766

Campus: GP **Semester:** 2

► MAN768 ADVANCED TECHNIQUES IN OPERATIONS RESEARCH

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 **Semester:** 1

► MAN769 MATHEMATICS OF FINANCE

Stock market theory; basic option theory; Black-Scholes analysis; Brownian motion and martingales; Markov processes; Ito stochastic integrals and stochastic calculus; Black-Scholes market model; option valuation formula; numerical solution of market models.

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 **Semester:** 1

► MAN771 COMPUTATIONAL MATHEMATICS 4

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 **Semester:** 2

► MAN774 PERTURBATION METHODS

Regular and singular perturbation expansions; asymptotic expansions, strained coordinates; 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 **Semester:** 1

► MAN775 STATISTICAL INFERENCE WITH FINANCIAL APPLICATIONS

Statistical inference in actuarial contexts, including short term risk models, collective risk models over an extended period, stopping times and ruin, adjustment coefficients and reinsurance, projections over time. Modelling through quantiles, distributions from transformation families, applications in simulation studies, modelling and analysis.

Courses: IF49, MA65, MA75, MA85, SC60, SC71, SC80

Prerequisites: MAB524

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MAB765

Campus: GP

Semester: 1

► **MAN778 APPLICATIONS OF DISCRETE MATHEMATICS**

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. Abstract Algebra: Advanced concepts of groups, rings and fields will be introduced. Applications will include the solvability by radicals of polynomial equations, 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

Semester: 1

► **MAN787-1 PROJECT**

Project and thesis component of Honours course (SC60).

Courses: SC60

Credit points: 12

Campus: GP

Semester: 1, 2

► **MAN787-3 PROJECT**

Project and thesis component of Honours course (SC60).

Courses: SC60

Credit points: 36

Campus: GP

Semester: 1, 2, 3

► **MAN787-2 PROJECT**

Project and thesis component of Honours course (SC60).

Courses: SC60

Credit points: 12

Campus: GP

Semester: 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

► **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 on 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

► **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

► **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 a 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 you 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

► **MDB009 BIOLOGY CURRICULUM STUDIES 1**

As a preservice teacher you 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 you will 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. You are provided with opportunities to explore ways of putting the theory into practice.

Courses: ED90, ED95, ED55, IX02, IX04

Prerequisites: 24 credit points in appropriate discipline studies

Contact hours: 3 per week **Credit points:** 12

► **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 you will 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. You 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

► **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 you 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

► **MDB018 EARTH SCIENCE CURRICULUM STUDIES 1**

As a preservice teacher you 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 you will 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. You 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

► **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 you to the teaching and learning of mathematics at the secondary school level. It begins development of knowledge and understanding of the secondary mathematics curriculum and curriculum development skills. The unit is an important component of preparation for Field Studies 1.

Courses: ED90, ED95, ED55, ED92, ED82IX02, IX04, IX09

Prerequisites: 24 credit points in appropriate discipline studies

Contact hours: 3 per week **Credit points:** 12

► **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 you will 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. You 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

► **MDB027 SCIENCE CURRICULUM STUDIES 1**

Students will be introduced to the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom. A theoretical understanding of factors that impact on learning in science and practical experience of how these influence planning for learning will be 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 will 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, IX02, IX09, ED55

Contact hours: 3 per week **Credit points:** 12

Campus: KG

► **MDB030 UNDERSTANDING AND EDUCATING 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 require specialist educational interventions to ensure that the curriculum offers the appropriate challenge to develop their potential

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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

► MBB300 TEACHING IN THE INFORMATION AGE

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

► MBB320 DATABASE THEORY AND TECHNIQUES

The logical and physical models of information systems; characteristics; 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: ED50

Contact hours: 3 per week **Credit points:** 12

► MBB321 INFORMATION SYSTEM MODELLING IN EDUCATIONAL CONTEXTS

Examines the modelling of information systems; relational systems; fact oriented approaches; conceptual schema design.

Courses: ED50 **Prerequisites:** MDB320
Contact hours: 3 per week **Credit points:** 12

► MBB322 COMPUTER SYSTEMS FOR TEACHERS

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: ED50

Contact hours: 3 per week **Credit points:** 12

► MBB323 PROGRAMMING LANGUAGES FOR TEACHERS

Examines further software developments; techniques of program development; top-down design and modularity; computer programming using appropriate languages.

Courses: ED50 **Prerequisites:** MDB345
Contact hours: 3 per week **Credit points:** 12

► MBB325 BIOLOGY CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF71, IF73
Prerequisites: Completion of 48 credit points in each relevant discipline area
Contact hours: 3 per week **Credit points:** 12

► MBB326 BIOLOGY CURRICULUM STUDIES 2

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

► MDB327 CHEMISTRY CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF71

Prerequisites: Completion of 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► MDB328 CHEMISTRY CURRICULUM STUDIES 2

Courses: ED50, ED54, ED55, IF71

Prerequisites: MDB327

Contact hours: 3 per week **Credit points:** 12

► MBB329 COMPUTING CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF79

Prerequisites: Normally the completion of 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► MBB330 COMPUTING CURRICULUM STUDIES 2

Curriculum development within the context of contemporary policies, frameworks and agencies; general principles of measurement, assessment and evaluation; teaching and learning strategies; and issues and directions in curriculum development.

Courses: ED50, ED54, ED55, IF79

Prerequisites: MDB329

Contact hours: 3 per week **Credit points:** 12

► MBB331 EARTH SCIENCE CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF71

Prerequisites: Completion of 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► MBB332 EARTH SCIENCE CURRICULUM STUDIES 2

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

► MBB333 MATHEMATICS CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED26, ED50, ED54, ED55, IF71, IF73, IF79

Prerequisites: Completion of 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► MBB334 MATHEMATICS CURRICULUM STUDIES 2: SENIOR MATHEMATICS

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

► MBB335 PHYSICS CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF71

Prerequisites: Completion of 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► MBB336 PHYSICS CURRICULUM STUDIES 2

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

► MBB337 SCIENCE CURRICULUM STUDIES 1

The nature of the curriculum area/discipline and its role and contribution as a medium for education; introduction to relevant syllabuses and curriculum documents; lesson and curriculum unit planning activities; and teaching strategies designed to promote a range of learning experiences in selected curriculum areas.

Courses: ED50, ED54, ED55, IF71, IF79

Prerequisites: Completion of 48 credit points in each relevant discipline area

Contact hours: 3 per week **Credit points:** 12

► MBB338 SCIENCE CURRICULUM STUDIES 2

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

► MBB345 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 will 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

► MBB347 EXCURSIONS IN NUMBER

The study of numbers is filled with intrigue and challenge. This unit explores numbers; large and small, happy and sad, prime and not so prime, weird and wild, and many others in between. Historical highlights and practical investigations with number are used to provide a background for the participants as well as a wealth of materials for the classroom.

Courses: ED51, ED52, ED47, ED91, ED82

Prerequisites: MDB386

Contact hours: 3 per week **Credit points:** 12

► MDB349 MATHEMATICAL REASONING

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: ED51, ED52, ED54

Prerequisites: MDB386

Contact hours: 3 per week **Credit points:** 12

► MDB374 MATHEMATICS CURRICULUM 2

Addresses the topics of: spatial reasoning (concepts, models, constructions, and reasoning processes); chance and data (concepts, procedures, and reasoning processes); pre-algebra (arithmetical structure, expressions and equations); mathematical thinking (critical, reflective, creative, flexible, and logical reasoning; together with problem representation, construction, modelling, and solving); working effectively with technological tools (concepts, communication processes, and project development).

Courses: ED51

Contact hours: 3 per week **Credit points:** 12
Incompatible with: MDB003

► MDB375 COMPUTER TOOLS FOR EDUCATORS

The use of writing and publishing software, graphics design software, computer managed learning development tools, numerical software tools, personal and project management tools, communications technologies and computer peripherals used in the production of computer generated materials.

Courses: ED50, ED51

Contact hours: 3 per week **Credit points:** 12

► 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, ED91, ED82

Prerequisites: MDB375 or MDB392

Contact hours: 3 per week **Credit points:** 12

► MDB381 SCIENCE AND TECHNOLOGY IN THE COMMUNITY AND WORKPLACE

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

Contact hours: 3 per week **Credit points:** 12

► MDB384 SCIENCE EDUCATION

Science curriculum development and implementation will examine the growth of children's understandings of key concepts in science. The development of their scientific thinking and manipulative skills will also be investigated in conjunction with this. Extended sequences of learning experiences, or programs, will be planned and implemented.

Courses: ED26, ED51, ED56, IF82, IF84, ED47

Contact hours: 3 per week **Credit points:** 12
Incompatible with: MDB006

► MDB388 GAMING AND CHANCE

Discover the world of probabilistic mathematics, gaming, expectation and decision-making

through games and activities that have application in mathematics teaching.

Courses: ED52, ED51, ED47, ED91, ED82

Prerequisites: MDB386

Contact hours: 3 per week **Credit points:** 12

► MDB389 LIFE AND LIVING PROCESSES

The interaction of organisms and their physical environment will be investigated, in particular, the human influence on the biosphere. The role of technology in empowering communities to exploit and/or protect biological systems and the integrity of the earth as humanity experiences it today will also be studied. Energy and energy changes, energy resources and the responsible use of those resources will be considered.

Courses: ED52, ED51, ED47, ED91, ED82

Prerequisites: MDB387

Contact hours: 3 per week **Credit points:** 12

► MDB390 NATURAL AND PROCESSED MATERIALS

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 will be 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: ED52, ED51, ED47, ED91, ED82

Prerequisites: MDB387

Contact hours: 3 per week **Credit points:** 12

► MDB391 EARTH AND SPACE

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 will also be investigated.

Courses: ED52, ED51, ED47, ED91, ED82

Prerequisites: MDB390

Contact hours: 3 per week **Credit points:** 12

► MDB392 EDUCATIONAL COMPUTING ENVIRONMENTS

An introduction to computer systems, including an understanding of computer systems and networks used in education. The focus will be on the technical management of personal and networked systems commonly found in schools. Students will use an appropriate educational programming language to apply their understandings of computer systems to a practical situation.

Courses: ED52, ED51, ED47, ED91, ED82

Prerequisites: MDB383

Corequisites: MDB383

Contact hours: 3 per week **Credit points:** 12

► MDB393 NETWORKED COMMUNITIES

Examines how a number of computer-linked communities can provide access to information and resources that teachers may use both personally and professionally. Students will use such things as local and wide area networks, electronic information services, Internet, and the World Wide Web to participate in global and local communities and contribute to the resources available to these communities.

Courses: ED52, ED51, ED47, ED92, ED82

Contact hours: 3 per week **Credit points:** 12

► 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

► 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 will begin with the

Greeks and move to studying geometry that we use today. A historical perspective will be used to show that geometry like all mathematics was alive and lives today in the world of fractals and graphic design. Participants will find many useful investigations and activities for the classroom.

Courses: ED43, ED51, ED52, ED91, ED82

Prerequisites: MDB386

Contact hours: 3 per week **Credit points:** 12

► MDB397 MULTIMEDIA

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

► MDB411 EARLY CHILDHOOD MATHEMATICS TEACHING, LEARNING AND ASSESSMENT

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, ED91, ED82

Contact hours: 3 per week **Credit points:** 12

► MDB414 LEARNING ENVIRONMENTS USING INFORMATION TECHNOLOGY

Students will explore the contribution that advanced information technologies can make to teaching and learning. Students will 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: ED26, ED50, ED55, IF70-79

Prerequisites: CLB341

Contact hours: 3 per week **Credit points:** 12

► MDB429 INITIATIVES IN SCIENCE EDUCATION

Students will 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. An emphasis will be placed on catering for the individual and providing experiences which fully extend each child, including the exceptional child.

Courses: ED26, ED51, ED61, ED47, ED91, ED82

Contact hours: 3 per week **Credit points:** 12

► MDB440 COMPUTERS AND EDUCATION

An overview of microcomputer hardware and software with an emphasis on the usefulness of various components in schools; use of educationally valuable application software; critical examination of a variety of uses of computers in education; the impact of computers on society and education in particular.

Courses: ED26, ED53, ED93, ED83

Contact hours: 3 per week **Credit points:** 12

► MDB449 INFORMATION TECHNOLOGIES TO SUPPORT EFFECTIVE LEARNING AND TEACHING

A critical study of the factors which affect the construction of effective learning and teaching environments that are supported by information technology. Students will become skilled with the use of an integrated program, and create and evaluate a suite of teacher resources to support a unit of work.

Courses: ED51, ED47

Contact hours: 3 per week **Credit points:** 12

► MDB450 PRIMARY MATHEMATICS CURRICULUM

In the future, students will need to have an understanding of number, space, measurement, chance and data, pre-algebra, global problem solving and problem-posing skills that allow them to deal successfully with complex systems This unit, in

addition to addressing number, numeration, and number sense related to whole numbers, decimals and common fractions, also will address measurement, mathematical reasoning, problem solving and problem posing, spatial reasoning, and the ideas of chance. Theories of learning and teaching will be incorporated within a study of these topics.

Courses: ED26, ED56, IF82, IF84

Contact hours: 4 per week **Credit points:** 12

► **MDB451 OPEN LEARNING AND FLEXIBLE DELIVERY**

Deals with the concepts and research relating to open and distance learning as well as flexible and workplace-delivery using a range of communications and information technologies. Experience in the use of the technology and educational design, strategies and techniques is developed. (Students will need easy access to a computer and modem.)

Courses: ED54

Credit points: 12

Incompatible with: SPB032

Campus: KG, EXT

► **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 with regards to 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 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

► **MDB453 MATHEMATICS FOR SCHOOLS**

As part of their growth in curriculum and teaching expertise, mathematics teachers at all levels need to develop their understanding of the mathematical concepts and processes which underpin the primary and secondary mathematics curricula. The focus of the unit is on renewing and extending teachers' personal mathematics knowledge and understanding in a way that will assist them in making informed and critical decisions in relation to their mathematics teaching. In new curricula, there is an increasing emphasis on connecting students' mathematical experiences with the real world (contextual mathematics) and this trend is acknowledged in this unit.

Courses: ED26, ED50, ED54, ED55, ED61, ED91, ED82, IF70-79

Prerequisites: 2 units of tertiary mathematics or equivalent

Contact hours: 3 per week **Credit points:** 12

Campus: KG, EXT

► **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, ED47, ED91, ED82, IF72

Credit points: 12

Campus: KG

► **MDN619 TECHNOLOGICALLY SUPPORTED TEACHING AND LEARNING ENVIRONMENTS**

Computer-based software, equipment and educational settings as technological environments; models of interpreting technological environments; historical perspective of learning/teaching technologies; design of technological environments.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **MDN623 COMMUNICATIONS TECHNOLOGY IN EDUCATION**

The design and development of educational communications technologies; building World Wide Web, electronic mail, interactive document and synchronous conferencing servers for use within educational contexts; managing and adapting client software for instructional use; policy issues in providing network-based educational resources; managing innovation within technological change.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **MDN624 CONTEMPORARY MATHEMATICS CURRICULUM: CONTEXT AND CHALLENGE**

Students will examine the design, implementation and evaluation of mathematics curricula. Consideration will be given to former and current trends in mathematics education including content, pedagogy and assessment and the roles of language, technology and affect in the teaching and learning of mathematics. Students will examine their own beliefs and philosophies and explore how these impinge on the curriculum process.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **MDN625 EXPLORING STUDENTS' MATHEMATICAL REASONING**

Introduces students to some of the latest topics in cognitive psychology and examines their impact on mathematics education. These include the nature of knowledge and understanding, mathematical reasoning processes, cognitive complexity, reasoning with representations, and problem solving and thinking skills. Students will develop skills in identifying and analysing their teaching practices from a cognitive perspective.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **MDN626 PEDAGOGY IN MATHEMATICS EDUCATION**

Study of mathematics education in its classroom micro-context and its wider social macro context. It studies factors and constraints on these contexts in the light of recent developments in theories such as constructivism and critical theory. It allows students to critically reflect on the different factors affecting the success and failure of learning environments in mathematics education and to critically reflect on their own practice in the light of these issues. The overall emphasis of this unit is the integration between theory and practice for the construction of successful learning environments.

Courses: ED11, ED13, ED61 **Credit points:** 12

► **MDN627 STUDENT ASSESSMENT IN MATHEMATICS**

Considers the major theoretical issues in assessment in mathematics education. The role of assessment and intervention is discussed and expertise is developed in planning of assessment instruments in their evaluation.

Courses: ED11, ED13, ED61 **Credit points:** 12

► **MDN628 CONTEMPORARY SCIENCE CURRICULUM: CONTEXT AND CHALLENGE**

Expands the formal training and practical experiences of science educators from different educational fields spanning early childhood, primary, secondary and post-compulsory education. Major topics include changing goals and emphases in science education, science curriculum theory and design, science curriculum implementation and evaluation, and contemporary issues in science curriculum. A combination of directed readings, seminars, tutorials and independent research is negotiated with students to optimise learning experiences and relevance of the unit for individual students.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **MDN629 DEVELOPMENT OF STUDENTS' SCIENTIFIC REASONING SKILLS**

The critical evaluation and development of scientific reasoning skills in science education: domain general and domain specific reasoning associate with particular science topics; student explanation, models and analogical reasoning; factors influencing reasoning including epistemological issues. The role of the science laboratory in science education and the development of science reasoning skills.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **MDN630 LEARNING AND TEACHING IN CONTEMPORARY SCIENCE CLASSROOMS**

Overview of current learning theories of relevance to science educators with a particular emphasis on constructivist approaches. Application of learning theories to the construction of learning environments for enhancing understanding. Teacher, social and student factors constraining and facilitating the development of particular learning environments including gender and cultural diversity sensitive environments.

Courses: ED11, ED13, ED61 **Credit points:** 12

► **MDN632 DATABASES IN EDUCATIONAL CONTEXT**

Explores in an educational context some of the characteristics and applications of information systems. In particular it looks at how information is modelled, stored and retrieved using relational database techniques. The impact on society of the use of information systems is also explored. The pedagogies associated with teaching about and using information systems in schools are explored.

Courses: ED13, ED11, ED61 **Credit points:** 12

Incompatible with: MDP503

► **MDN633 CURRICULUM STUDIES IN TECHNOLOGY EDUCATION**

Curriculum theory: intended, developed and enacted curriculum; curriculum design: models for curriculum design; impact on information technology; curriculum implementation: vocational models; discipline models, individualised models, school-based models, innovations; curriculum evaluation; historical factors affecting the curriculum in technology education.

Courses: ED11, ED13, ED61 **Credit points:** 12

► **MDN634 PRIMARY MATHEMATICS, SCIENCE AND TECHNOLOGY CURRICULUM**

The nature of mathematics, science and technology and a rationale for mathematics, science and technology education will be explored; learning in all three areas takes place in a variety of ways; key concepts and processes will be investigated; research issues will be examined and a small project implemented; information technology will be integrated into teaching and learning episodes.

Courses: ED18

Contact hours: 3 per week **Credit points:** 12

► **MDN636 UNDERSTANDING CONCEPTS IN MATHEMATICS AND SCIENCE**

The processes of mathematical and scientific inquiry. Key mathematical and scientific concepts found in primary and/or secondary curricula. The characteristics of and conditions for understanding key mathematical or scientific concepts. The structuring of learning experiences taking into account prior knowledge, suitable metaphors, exemplars and connections.

Courses: ED13, ED11, ED61

Contact hours: 3 per week **Credit points:** 12

► **MDN637 FLEXIBLE DELIVERY: PEDAGOGICAL ISSUES AND IMPERATIVES**

Educators are being increasingly confronted with the need to design and deliver education and training in an open and flexible manner. This requires an understanding of the concepts and practices of open learning, distance learning and flexible delivery. This unit draws upon recent curriculum inquiry and research in order to focus on the specific educator skills associated with the

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introduction and application of open learning and flexible modes of delivery. Technology, which is crucial to this delivery, is taken to mean the hardware, associated software and curriculum/pedagogical design. Students will look at technology not as an end in itself but in terms of educational applicability.

Courses: ED13, ED11, ED61 **Credit points:** 12
Incompatible with: SPN632 **Campus:** EXT

► MDP503 INFORMATION SYSTEMS IN EDUCATION

Explores some of the characteristics and applications of information systems in an educational context. How information is modelled, stored and retrieved using relational database techniques; the impact on society of the use of information systems; the pedagogies associated with teaching about and using information systems in schools are explored.

Courses: ED21, ED26
Contact hours: 3 per week **Credit points:** 12

► MDP504 SCHOOL ADMINISTRATION USING INFORMATION TECHNOLOGY

The use of information technologies in the administration of schools; explores a range of administrative packages; cost benefits and ethical implications.

Courses: ED21, ED26
Prerequisites: MDP532 or MDP530
Contact hours: 3 per week **Credit points:** 12

► MDP506 COMPUTER EDUCATION PROJECT

Offers students the opportunity to extend expertise gained in other units in the Graduate Diploma in Education (Computer Education). Under supervision, students select a problem relevant to computer education and implement a solution.

Courses: ED21, ED61
Contact hours: 3 per week **Credit points:** 12

► MDP507 TEACHING SECONDARY COMPUTER STUDIES

Investigates and develops the pedagogy and management associated with Computer Studies courses currently implemented in Queensland Secondary schools. Emphasis is given to the Information Processing and Technology syllabus and the Practical Computer Methods syllabus.

Courses: ED21
Prerequisites: MDP503, MDP532
Contact hours: 3 per week **Credit points:** 12

► MDP508 COMPUTER USE IN THE PRIMARY CURRICULUM

Examines the extent to which computers may be used to teach problem solving in the primary classroom through a study of Logo, adventure games, simulations, and genuine problem-solving software. In addition, the use of popular software tools as aids to teaching and learning is considered.

Courses: ED21, ED61
Prerequisites: MDP537, MDP532 or MDP530
Contact hours: 3 per week **Credit points:** 12

► MDP529 DIAGNOSTIC ASSESSMENT AND REMEDIAL INTERVENTION IN MATHEMATICS

Overview of learning difficulties of mathematical skills and concepts at all levels. Diagnostic assessment of mathematical competencies including teacher made, commercial and government assessment procedures. Learning experiences to remediate difficulties for pre-number, number, basic numeracy, advanced numeracy and introductory algebra. Integration of mathematical concepts across the curriculum and applications from real life situations. The use of technology in learning mathematics including the calculator as a pedagogical aid.

Courses: ED26, ED28, ED50, ED55, ED61, ED91, ED82, IF70-79
Contact hours: 3 per week **Credit points:** 12

► MDP530 COMPUTER APPLICATIONS IN EDUCATION

Allows students to gain technological skills and understanding while investigating applications of these technologies in the context of teaching and learning. A wide range of computer applications will be covered, including writing, publishing,

graphics, communications and project management tools.

Courses: ED21, ED61
Contact hours: 3 per week **Credit points:** 12

► MDP531 INVESTIGATIONS INTO COMPUTER-AIDED LEARNING

The use of interactive technology in the teaching/learning process; approaches to and uses of computer-aided learning, hypermedia authoring systems such as HyperCard, Linkways and Toolbook, and their applications in multimedia environments.

Courses: ED21, ED61
Prerequisites: MDP532 or MDP530
Contact hours: 3 per week **Credit points:** 12

► MDP532 COMPUTER SYSTEMS IN AN EDUCATIONAL CONTEXT

An introduction to educational computer systems; it includes a study of problem-solving using computers, the architectures of computer systems, operating systems and an introduction to computer programming using appropriate educational languages.

Courses: ED21
Contact hours: 3 per week **Credit points:** 12

► MDP533 TEACHING INFORMATION SYSTEMS MODELLING

Designed for prospective teachers of information system modelling; explores the pedagogies and approaches appropriate for teaching students at a variety of levels including a secondary school environment; development and writing of specification documents for information system implementation within an educational context; tools such as relational languages and CASE used by students to implement small educational information systems.

Courses: ED21
Contact hours: 3 per week **Credit points:** 12

► MDP534 EDUCATIONAL APPLICATIONS OF ARTIFICIAL INTELLIGENCE

Artificial Intelligence (AI) as a discipline impacting on education, philosophical issues, and methods used in AI; focuses particularly on AI applications which cross broad areas of the school curriculum; provides appropriate curriculum support for teachers of the AI topic within the Information Processing and Technology unit at a secondary school level.

Courses: ED21
Contact hours: 3 per week **Credit points:** 12

► MDP535 EDUCATIONAL SOFTWARE DEVELOPMENT

Data, procedural and object-orientated abstractions used in conjunction with modular programming practices. These understandings are used to solve problems from a wide range of practical educational applications especially with respect to the development of educational software.

Courses: ED21
Contact hours: 3 per week **Credit points:** 12

► MDP536 COMPUTER GRAPHICS IN TEACHING

The use of computer graphics to enhance teaching and learning in a school environment. A problem-solving approach is employed and students are given the opportunity to apply what they are learning to their own curriculum areas.

Courses: ED21, ED51, ED61
Prerequisites: MDP392 or MDP532 or MDP530
Contact hours: 3 per week **Credit points:** 12

► MDP537 MAJOR ISSUES IN COMPUTER EDUCATION

The application and implication of the use of information technologies in an educational environment; the impact of teaching, learning and the curriculum.

Courses: ED21, ED61
Contact hours: 3 per week **Credit points:** 12
Incompatible with: MDP502

► MDP538 COMPUTERS IN THE SECONDARY CURRICULUM

Explores the impact of information and communication technologies on those segments of the secondary curriculum where the emphasis is

other than teaching about computing. The impact on teaching and learning is discussed within the framework of recent research, national, state, systemic and local policy documents.

Courses: ED21, ED61
Prerequisites: MDP537 or MDP532
Credit points: 12

► MEB036 SAFETY TECHNOLOGY 1

This unit provides students with the skills to enable them to recognise the causes of and methods for preventing (or minimising) accidents, fires and explosions associated with engineering components, structures, plant and processes. Students will gain particular knowledge of hazards and control measures associated with the manufacturing, construction and mining industries.

Courses: PU65
Campus: GP
Credit points: 12
Semester: 1

► MEN101 RESEARCH METHODOLOGY

Basic research methodology is an essential component for any student expected to undertake research. This unit will provide the basic knowledge of research, qualitative and quantitative research methodologies and a range of techniques to become critical users of existing knowledge as well as research findings.

Courses: CE75, EE77, ME80
Credit points: 12
Campus: GP
Semester: 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 aims to provide some of the advanced skills fundamental to mechanical engineering research which are required to undertake the Research Project and Specialised Studies units in the ME80 course.

Courses: ME80
Campus: GP
Credit points: 12
Semester: 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 will allow you to pursue in greater depth a particular area of mechanical, medical or infomechanics engineering through self-directed learning, thereby developing your independent learning capabilities and expanding your knowledge of a chosen area of study.

Courses: ME80
Campus: GP
Credit points: 12
Semester: 1, 2

► MEN104 MECHANICAL ENGINEERING SPECIALISED UNIT 2

Courses: ME80
Campus: GP
Credit points: 12
Semester: 1, 2

► MEN105 MECHANICAL ENGINEERING SPECIALISED UNIT 3

Courses: ME80
Campus: GP
Credit points: 12
Semester: 1, 2

► MEN170 SYSTEMS MODELLING AND SIMULATION

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 hours over a two week block
Credit points: 12
Campus: GP

► MEN171 ADVANCED MANUFACTURING TECHNOLOGIES

Overview of manufacturing systems engineering and applications of advanced computer aided drafting and design; implementation of CAD/CAM systems using three-dimensional

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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

Provides students with skills to: 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 and budgeting, life-cycle costing and economic asset management and life cycle costing.

Courses: ME75, ME76, CE75, EE77, ME80

Contact hours: 32 hours 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 effecting energy are covered because they are effecting Engineering Practice. Specific topics include: 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 will be considered for each topic. assessment includes and energy audit of a commercial /industrial site.

Courses: ME75, ME76, ME80

Contact hours: 32 hours over a two week block
Credit points: 12 **Campus:** GP

► MEN177 TOTAL QUALITY MANAGEMENT

The aim 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: 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, ME 80

Contact hours: 32 hours over a two week block
Credit points: 12 **Campus:** GP

► MEN190 PROJECT

Substantial piece of work relevant to the course and carried out by each student on an individual basis; report is examined and marked by academic supervisor in consultation with industrial supervisor.

Courses: ME75, ME76, ME80

Credit points: 24
Campus: GP **Semester:** 1, 2

► MEN241 RELIABILITY AND MAINTENANCE MANAGEMENT

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 and strategic asset management.

Courses: ME75, ME76

Contact hours: 32 hours 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 are 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. Extension of these principles to processing and service industries such as mining, oil, chemical and food processing; enterprises such as hospitals and airports.

Courses: ME76, ME75, ME80

Contact hours: 32 hours 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 are definition of project management; organisational structures; project planning; feasibility analysis; project organisation; contracts; project control; risk analysis and project termination.

Courses: BS93, ME75, ME76, CE75, EE77, ME80

Contact hours: 32 hours over a two week block
Credit points: 12 **Campus:** GP

► MEP201 SAFETY TECHNOLOGY AND PRACTICE

Overview of models of the accident phenomenon; technological background of potential hazards with electrical power; construction site mechanical equipment hazards and failure; failure modes of engineering materials; mechanical properties of engineering materials and their effect on failure mode.

Courses: HL88, PU65

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► 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 all aspects of management and introduces issues of service management, projects, technology and innovation.

Courses: ME41, ME42

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 is central to organisational operations, and the unit addresses the identification and analysis of the rights and responsibilities of people at the work-

place, 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 to enable students to understand the broader context of the legal obligations of the parties.

Courses: BS56, IF28, IF30, IF47, IF48, IF61, IF62

Prerequisites: MGB222
Contact hours: 3 per week **Credit points:** 12
Incompatible with: HRB103

Campus: GP, CA **Semester:** 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. Workplace implications of current approaches and the concepts and application of the principle of merit are explored in relation to the likely and possible impacts in making personnel-related decisions. 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/AA approaches and plans.

Courses: BS56

Prerequisites: BSB114
Contact hours: 3 per week **Credit points:** 12
Incompatible with: HRB133

Campus: GP **Semester:** 2

► MGB203 GOVERNMENT-MANAGEMENT INTERFACE

This unit will provide students with an essential understanding of the complex and dynamic relationship between government and management. The unit will focus upon the political context of management, government policies towards business, their processes of development and operational impacts, the politics of governance and management of the public/private sector interface. The unit will also examine 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

Campus: GP **Semester:** 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 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, IF62, PU40

Prerequisites: BSB115
Contact hours: 3 per week **Credit points:** 12
Incompatible with: HRB131

Campus: GP, CA **Semester:** 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, and 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

UNIT SYNOPSES

Incompatible with: HRB128

Campus: GP

Semester: 1

► MGB210 PRODUCTION AND SERVICE MANAGEMENT

Production and Service Management 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: GP, CA

Semester: 1, 2

► MGB211 ORGANISATIONAL BEHAVIOUR

The unit examines theory and research related to individual and collective human behaviour in organisations. A multi-level approach will be adopted that focuses on individuals, groups, the organisation as an entity, and the relationship among these elements. In addition, the unit will address 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 will help students understand the role that people as individuals and in groups play in organisations and to apply this knowledge in creating more effective and humane work places.

Courses: BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62, PU40

Prerequisites: MGB220

Contact hours: 3 per week **Credit points:** 12

Incompatible with: HRB130

Campus: GP, CA

Semester: 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

Semester: 1

► MGB218 VENTURE SKILLS

Entrepreneurial management is becoming critical skill to have for small and medium sized enterprises (SMEs) who wish to grow rapidly and for small business units (SBU) 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. The unit 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

Semester: 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, moving from establishing a research question, determining a theoretical framework, collecting the data, conducting data analysis, drawing conclusions, and 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: MGB100, EPB109,

EPB110, EPB163, COB334, COB203, AMB201

Campus: GP, CA

Semester: 1, 2, 3

► 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: GP, CA

Semester: 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. In this unit there will be a focus on strategy, leadership and internationalisation.

Courses: BS50, BS56, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: BSB115

Contact hours: 3 per week **Credit points:** 12

Campus: GP, CA

Semester: 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 Venture Skills or advance from MGB218 to undertake this unit.

Courses: BS56, ED23, IF28, IF30, IF41, IF47, IF48, IF61, IF62

Prerequisites: 96 credit points of approved study

Contact hours: 3 per week **Credit points:** 12

Campus: GP

Semester: 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 any 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

Semester: 2

► MGB304 HUMAN RESOURCE INFORMATION MANAGEMENT

This unit focuses on Human Resource Information Management. Students will be coached to understand the storage, retrieval, and utilisation of data in HR operation. 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 will be 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

Semester: 2

► MGB306 INDEPENDENT STUDY

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 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

Semester: 1, 2, 3

► MGB307 INTERNATIONAL HUMAN RESOURCE MANAGEMENT

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: 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, and contemporary research in international human resource management. The Asia-Pacific region will be a focus for discussions throughout this unit.

Courses: BS56

Prerequisites: MGB207

Contact hours: Flexible Mode

Credit points: 12 **Incompatible with:** HRB117

Campus: GP

Semester: 2

► MGB309 STRATEGIC MANAGEMENT

In this unit, fundamental elements of strategy are placed in a framework which is developed within the particular context of Australia's economic development position, which can be used in the decision making process. The emphasis is upon process and content issues that affect the strategic performance and positioning of the organisation. This will involve 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: GP, CA

Semester: 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

UNIT SYNOPSES

Prerequisites: MGB211

Contact hours: 3 per week **Credit points:** 12

Incompatible with: HRB102

Campus: GP

Semester: 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 will be addressed. The focus of this unit will be on human process issues and change. The unit will examine a range of human process interventions designed to improve organisational effectiveness. Attention will 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: GP, CA

Semester: 1, 2

► MGB315 PERSONAL AND PROFESSIONAL DEVELOPMENT

Develops personal, interpersonal and professional competencies (in both cognitive and affective domains) necessary in a human resource or management professional. Develops personal awareness and understanding, interpersonal competencies, and professional skills. Also examines influence processes, negotiation and conflict resolution and stress management. Throughout, it 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: GP, CA

Semester: 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: GP, CA

Semester: 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 will be explored including operatives, management, customer service, helping professions and other groups. A range of contemporary issues will be 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

► 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 will rely heavily on empirical and theoretical works to inform practice. Throughout the semester we will 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 will also highlight the important characteristics of a competent trainer.

Courses: BS56 **Prerequisites:** MGB331

Contact hours: 3 per week **Credit points:** 12

Incompatible with: HRB101

Campus: GP

Semester: 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 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 studies

Contact hours: 3 per week **Credit points:** 12

Incompatible with: MGB217, HRB120

Campus: GP, CA

Semester: 2

► MGB334 MANAGING IN A CHANGING ENVIRONMENT

This unit provides students with the conceptual and analytic tools required for managing changing environments. The emphasis is on developing an understanding of the management competencies required for managing flexibility, managing innovation and managing for 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: GP, CA

Semester: 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 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: 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

Semester: 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 introduced research methodology and examined 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

► MGB337 SPECIAL TOPIC

Allows students to undertake specialised study on a topic area relevant to particular needs. Permits an in-depth examination of an issue of importance. Content varies depending upon the issue examined, and the academic member(s) involved (including short-term visiting academics).

Courses: BS56 **Contact hours:** Flexible Mode

Prerequisites: 96 credit points of approved study

Credit points: 12

Campus: GP

Semester: 1, 2, 3

► MGN402 GOVERNMENT-BUSINESS RELATIONS

Students will develop an understanding of the relationships between business and government in an historical, contemporary and comparative context. The course will focus on: the interaction between politics and the economy, particularly in Australia; the historical development of the relationships between the private and public sectors; and 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:** EPN101

Campus: GP

Semester: 1

► MGN404 MANAGING AND ORGANISING GLOBAL FIRMS

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 will discuss management issues to be faced by organisations entering into export markets.

Courses: BS93 **Contact hours:** 3 per week

Credit points: 12 **Incompatible with:** BSN401

Campus: GP

Semester: 1

► MGN409 INTRODUCTION TO MANAGEMENT

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; important problems, opportunities and trends facing managers in Australia analysed from the viewpoint of relevant academic disciplines.

Courses: BS32, BS98, BS39

Contact hours: 3 per week **Credit points:** 12

Incompatible with: HRN104

Campus: GP

Semester: 1, 2

► MGN410 LABOUR-MANAGEMENT RELATIONS

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: BS32, BS39

Contact hours: Flexible Mode

Credit points: 12 **Incompatible with:** HRN105

Campus: GP

Semester: 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 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, ED23

Contact hours: 3 per week **Credit points:** 12

Incompatible with: HRN108

Campus: GP

Semester: 1

UNIT SYNOPSES

► 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
Contact hours: Flexible Mode
Credit points: 12
Campus: GP **Semester:** 2

► MGN422 CONTEMPORARY ISSUES AND PRACTICES IN EMPLOYEE RELATIONS

This unit will provide 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 **Credit points:** 12
Contact hours: Flexible Mode
Campus: GP **Semester:** 2

► MGN423 CONTEMPORARY STRATEGIC ANALYSIS

This unit focuses upon developing manager's 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 **Semester:** 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 through to HRM's role in engendering global consciousness and global transformation.

Courses: BS39, BS93 **Prerequisites:** MGN427
Contact hours: Flexible Mode
Credit points: 12
Campus: GP **Semester:** 2

► 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 will draw comparisons from their own experience within or outside Queensland. Topics will include 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; and inter-governmental relations, including the role of local governments in the federal system.

Courses: BS39, BS93 **Credit points:** 12
Contact hours: Flexible Mode
Campus: GP **Semester:** 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, plus regionalisation 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

► 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: Flexible Mode
Credit points: 12
Campus: GP **Semester:** 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 emphasizes 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 **Semester:** 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 and in turn enhancing 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 **Corequisites:** MGN427
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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: BS39, BS93 **Corequisites:** MGN427
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 related these in a practical way to the HRD challenges faced by organisations. This unit also provides exposure to contemporary international HRD ideas and practice to develop an understanding of the contribution of HRD to the broader economic context.

Courses: BS39, BS93 **Corequisites:** MGN427
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► MGN500 ADVANCED READINGS IN HUMAN RESOURCE MANAGEMENT 1

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

► MGN501 READINGS IN MANAGEMENT

Examination in detail of 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 **Semester:** 1

► MGN505 CONSULTING AND CHANGE MANAGEMENT

The origins, nature and effect of social change on individuals, organisations and communities; theories and models of change will be used to explore planned and unplanned changes currently occurring, particularly as these relate to possible futures; emphasis will be on the strategies and skills required to initiate and participate in effective change management.

Courses: BS93, BS93
Contact hours: Flexible Mode
Credit points: 12
Campus: GP **Semester:** 1

► MGN506 CONTEMPORARY ISSUES IN HRM

Postgraduate students need to be familiar with the contemporary issues and the current theoretical and practical developments within their field of specialisation. These matters need to be pursued at a level of intellectual rigour beyond that required for an undergraduate degree. 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. 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 **Semester:** 1

► MGN507 CONTEMPORARY ISSUES IN MANAGEMENT

Examines in detail advanced theory and issues from their chosen field of study. Such study may include an analysis of the historical developments in the field, interconnections with other fields, current significant issues and practices (including ethics), and advanced methodology and/or statistics relevant to the field. The content may vary according to which issues are significant at the time, according to the special expertise of the staff (including visiting scholars and distinguished business leaders) and according to specific needs from thesis proposals.

Courses: BS63, BS92
Contact hours: 3 per week **Credit points:** 12
Incompatible with: HRN119
Campus: GP **Semester:** 2

UNIT SYNOPSES

► MGN508 HRM CASES

Further development of students' capacity to analyse, evaluate and solve business problems and encourages them to develop the facility for independent thought and critical analysis. In this unit students are required to: (a) examine a human resources function in an organisation, and report observations; (b) relate these observations to relevant theory and recent research; and (c) develop an integrated view of human resources, including its functions, processes, stakeholders, and environment. Finally, the unit will focus on any conceptual, theoretical, research or practical material relevant to the cases.

Courses: BS63, BS92, BS93

Contact hours: 3 per week **Credit points:** 12

Incompatible with: HRN116

Campus: GP

Semester: 2

► MGN509 HUMAN RESOURCE

MANAGEMENT PROJECT 1

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

► MGN510 HUMAN RESOURCE

MANAGEMENT PROJECT 2

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:** 3 per week

Credit points: 12 **Campus:** GP

► MGN514 MANAGEMENT PROJECT 1

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

► MGN515 MANAGEMENT PROJECT 2

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

► MGN516 POLICY ANALYSIS

Students develop skills in the analysis of policy content and policy process. It provides a basic methodological framework for the systematic development of those skills with two related objectives: (a) to examine a range of models of public policy processes with a view to determining their validity and utility, and (b) 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

Semester: 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

Semester: 1

► MGN524 SPECIAL TOPIC IN

MANAGEMENT 1

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 short-term visiting academics).

Courses: BS93 **Contact hours:** Flexible Mode

Credit points: 12 **Campus:** GP

► MGN525 SPECIAL TOPIC IN

MANAGEMENT 2

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 short-term visiting academics).

Courses: BS93 **Contact hours:** Flexible Mode

Credit points: 12 **Campus:** GP

► MGN526 ADVANCED READINGS IN

MANAGEMENT 2

Students explore in-depth advanced theory, research and issues of practice in management.

Courses: BS93 **Contact hours:** 3 per week

Credit points: 12 **Incompatible with:** HRN118

Campus: GP

► MGN527 ADVANCED READINGS IN

HUMAN RESOURCE MANAGEMENT 2

Students explore in-depth advanced theory, research and issues of practice in human resource management.

Courses: BS93 **Contact hours:** 3 per week

Credit points: 12 **Campus:** GP

► MGN528 SPECIAL TOPIC IN HUMAN

RESOURCE MANAGEMENT 1

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 short-term visiting academics).

Courses: BS93

Contact hours: 3 per week or Flexible Mode

Credit points: 12 **Campus:** GP

► MGN529 SPECIAL TOPIC IN HUMAN

RESOURCE MANAGEMENT 2

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 short-term visiting academics).

Courses: BS93 **Contact hours:** 3 per week

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 will be required to practice theoretical/analytical/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 **Semester:** 1, 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 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; and kinetics of rigid bodies.

Courses: ME41, ME42, ME48

Prerequisites: MAB180 or MAB131, CEB109

Contact hours: 6 per week **Credit points:** 12

Campus: GP

Semester: 2

► MMB131 ENGINEERING MATERIALS

This unit provides an introduction to Engineering Materials and Materials Science. Topic covered include: atomic bonding; thermodynamics of solids; state and phase changes; defects; elasticity, plastic deformation and fracture; creep and fatigue mechanisms; steels; introductory corrosion; alloying and strengthening in metals, poly-

mers and ceramics; composites and electronic materials.

Courses: CE44, CE45, EE48, EE41, EE42, IF42, ME41, ME48, ME42, SC01

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 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. Content includes: 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

Semester: 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 will introduce 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

Semester: 1

► MMB212 MECHANICS 2

Topics covered in this unit include: 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; introduction to energy methods for static analysis; stress analysis of axi-symmetrically loaded members; torsion of non-circular sections; 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

Semester: 2

► MMB232 MATERIALS TECHNOLOGY

Topics covered in this unit include: industrial shaping of metals; solidification theory and phase transformations; casting - alloys and defects; sintering and powder metallurgy; 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 and optical properties.

Courses: ME36, ME41

Prerequisites: MMB131

Contact hours: 6 per week **Credit points:** 12

Campus: GP

Semester: 2

► MMB251 AERODYNAMIC PRINCIPLES

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, flight envelopes.

Courses: EE48

UNIT SYNOPSES

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► MMB252 THERMOFLUIDS

Topics covered in this unit include: 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 **Semester:** 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 3D modelling.

Courses: ME41, ME42, ME48

Prerequisites: BNB007 or MMB191

Corequisites: MMB211

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 1

► MMB292 BIOMATERIALS

Topics covered in this unit include: 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; and 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 **Semester:** 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 **Semester:** 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 will acquire the ability to communicate solutions orally and in a formal report form.

Courses: ME36

Credit points: 12

Campus: GP **Semester:** 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 will 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 which causes mechanical failure or unacceptable departure from product specifications. In the vibration module,

the unit covers (a) single degree of freedom systems. (b) damped vibration and (c) 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 **Semester:** 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/acceleration, stress/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 **Semester:** 2

► MMB313 MECHANICAL ENGINEERING STUDIES

The objectives of this unit are (1) to provide students with revision in basic knowledge in mathematics and an introduction to Laplace Transforms to enable smooth articulate into the advanced standing programs, (2) to provide students with basic concepts in stress analysis and its application to practical problems and (3) to provide sufficient background in the application of the knowledge in the later part of the course, in project work and instrumentation.

Courses: ME41

Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► MMB351 THERMODYNAMICS

Topics covered in this unit include: 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.

Courses: ME41, ME42

Prerequisites: MMB252, MMB352

Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 1

► MMB353 TRIBOLOGY

This unit builds upon the design units in the courses. Topics covered include: 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 and Advanced condition monitoring techniques.

Courses: ME40, ME41, ME42, ME43, ME48

Prerequisites: MMB381, MMB382

Contact hours: 4 hours **Credit points:** 12
Campus: GP **Semester:** 2

► MMB362 BIOFLUIDS

This unit includes consideration of: 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 **Semester:** 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, 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 **Semester:** 1

► MMB374 DESIGN FOR MANUFACTURING 1

Topics covered in this unit include: 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 **Semester:** 2

► MMB381 DESIGN OF MECHANICAL COMPONENTS AND MACHINES

This design unit covers the design of mechanical components and machines. In particular, 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

Prerequisites: MMB281

Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 1

► MMB382 DESIGN AND MAINTENANCE OF MACHINERY

This design unit covers 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 **Semester:** 2

UNIT SYNOPSES

► 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 **Semester:** 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.

Courses: ME48

Prerequisites: MMB281, MMB371

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 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

Contact hours: 40

Credit points: 48 **Semester:** 1, 2

► MMB401 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. 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 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

Campus: GP **Semester:** 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

Credit points: 48

Campus: GP **Semester:** 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 **Semester:** 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: 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 element and their characteristics; interpolation and shape functions and their relevance in FEA. All students will be introduced to a commercial software package and will carry out analysis of engineering problems using the software.

Courses: ME41, ME42

Prerequisites: MMB311

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 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: 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 **Semester:** 2

► MMB430 ADVANCED MATERIALS

Topics covered include: 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 in the field.

Courses: ME41, ME42

Prerequisites: MMB232

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 2

► MMB450 AIR CONDITIONING

Topics covered in this unit include: 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

Semester: 2

► MMB451 ENERGY MANAGEMENT

Topics covered in this unit include: 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 will be considered for each topic.

Courses: ME41, ME42

Prerequisites: MMB252

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 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, cooling towers and 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 **Semester:** 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. The unit covers engineering asset management policy; 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 and spare parts inventory management.

Courses: ME41, ME42, ME48

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 1

► MMB471 COMPUTER INTEGRATED MANUFACTURING

Topics covered in this unit include: 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 **Semester:** 2

► MMB472 DESIGN FOR MANUFACTURING 2

Topics covered in this unit include: 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 **Semester:** 1

► MMB476 OPERATIONS MANAGEMENT

This unit develops students' ability in applying quantitative techniques in solving different types of industrial operations problems. Topics include: 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.

UNIT SYNOPSES

Courses: ME41, ME42

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 2

► MMB478 MECHATRONICS SYSTEMS DESIGN

This unit provides you with an understanding of design and interpretation of hydraulic and pneumatic circuits (including graphical symbols, fluid logic and components of fluid systems) 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: 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 **Semester:** 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: 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 **Semester:** 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.

Courses: ME48

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 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: introduction to MATLAB programming techniques; process of model creation; methods of analysis of determinate and indeterminate systems; simulation techniques and examples of advanced applications.

Courses: ME48 **Prerequisites:** MMB391

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 2

► NRB100 ENVIRONMENTAL SCIENCE

General features of the aquatic, atmospheric, and terrestrial systems will be described. This will incorporate the main chemical, physical, and biological processes that influence their development. The evolution of these systems, and their interaction, will be considered. The human involvement is then examined, and its type, extent, and impact. To give some relevance to the global concepts presented, a range of examples will be 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: GP, CA **Semester:** 1

► NRB230 PLANET EARTH

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: GP, CA **Semester:** 1

► NRB240 HISTORY OF LIFE ON EARTH

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 **Semester:** 2

► NRB270 ANIMAL AND PLANT STRUCTURE AND FUNCTION

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 is outlined.

Courses: ED50, SC01

Contact hours: 4 per week **Credit points:** 12

Campus: GP, CA **Semester:** 2

► NRB300 ENVIRONMENTAL MONITORING

Purpose, design and quality control of physical, chemical and biological monitoring programs. Fundamentals of data analysis. Methodologies of monitoring (variables, instruments, sampling strategies including location and frequency of observation, analytical protocols). Some principles of ecological monitoring.

Courses: SC01, ED50

Prerequisites: 72 credit points of science or health units

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 1

► NRB311 POPULATION ECOLOGY

A broad theoretical background in the major concepts of plant and animal ecology. Topics include: ecology of individuals, dynamics of single populations, life history and demography, interactions within and between populations, population regulation, behavioural ecology and plant ecology.

Courses: ED50, SC01

Prerequisites: NRB100 or LSB118

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 1

► NRB312 EXPERIMENTAL DESIGN

Emphasises practical considerations of field and laboratory-based experimentation in ecology, and provides experience in problem assessment, definition, formulation of testable hypotheses and experimental design.

Courses: SC01 **Prerequisites:** MAB101

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 1

► NRB331 SEDIMENTARY GEOLOGY

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 **Semester:** 1

► NRB333 MINERALOGY

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. Classification of miner-

als; 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 **Semester:** 1

► NRB334 MINERAL DEPOSITS AND MINE GEOLOGY

Introduces the main ore concentration mechanisms, according to classical and modern ore genesis theory; and the role of the mine geologist. Economic materials are studied under the headings: Mineralogy, genesis, use and value, mining methods, beneficiation, major overseas deposits, Australian deposits. A comprehensive range of metalliferous and non-metalliferous deposits are examined.

Courses: SC01

Prerequisites: NRB230 **Corequisites:** NRB333

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 1

► NRB370 INVERTEBRATE BIOLOGY

The major focus of this unit will be examination of the diversity of invertebrate functional systems, behaviour, and life histories. These will be viewed in an evolutionary context. A brief overview of the diversity, phylogeny, and classification of invertebrates will be 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 **Semester:** 1

► NRB371 PLANT BIOLOGY

Ever wondered what the first plant to crawl out of the sea looked like? This unit will take 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 **Semester:** 1

► NRB400 ENVIRONMENTAL SYSTEMS

Develops a view of the environment as a nested hierarchy of systems in which human-environment interactions are placed in perspective. This systems approach recognises that changes in one compartment of the environment affect others. A standardised approach to the study of environmental systems is presented, focussing on mass and energy flows and showing how principles of conservation of mass and energy can be applied to environmental systems improving understanding of environmental processes.

Courses: SC01

Prerequisites: 72 credit points of science units

Contact hours: 4 per week **Credit points:** 12

Campus: GP **Semester:** 2

► 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

UNIT SYNOPSES

Campus: GP

Semester: 2

► **NRB411 ECOLOGICAL METHODS**

The theory and practice of methods to determine and measure important ecological parameters and characteristics. These methods are essential for the study of biological populations and communities. Content includes estimation of population size, survivorship and other demographic parameters, determination of dispersion patterns, detecting competition, and vegetation classification.

Courses: SC01

Prerequisites: NRB311, NRB312

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **NRB434 STRUCTURAL GEOLOGY AND FIELD METHODS**

Considers the deformation of geological materials. The class 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 **Semester:** 2

► **NRB435 ORE GENESIS**

Focuses on the formation of ore deposits, and provides a basis for the exploration of mineral deposits. A wide variety of deposits are studied, with an emphasis on metallic ore deposits, their characteristics and environments of deposition. Ore forming processes are discussed, together with tectonic perspectives, modern ore formation, ore deposit models, and techniques of ore deposits.

Courses: SC01

Prerequisites: NRB430

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **NRB436 INTRODUCTION TO IGNEOUS AND METAMORPHIC PETROLOGY**

An introduction to the description, classification and origin of igneous and metamorphic rocks. 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 **Semester:** 2

► **NRB437 STRATIGRAPHY AND DEPOSITIONAL ENVIRONMENTS**

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 **Semester:** 2

► **NRB440 ENVIRONMENTAL CHEMISTRY**

Introduction to biogeochemical cycles. Natural water bodies - oceans, flowing and non-flowing surface water, ground water. Solutes and equilibria in natural water, chemistry of water pollutants. Indicators of water quality. The atmosphere - structure and energy balance, air pollutants. Hazardous substances in the environment. Intro-

ductory ecotoxicology. Chemistry of the regolith and soils, biogeochemical weathering processes.

Courses: SC01

Prerequisites: 72 credit points of science units including PCB140 or PCB142

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 your knowledge of particular aspects of vertebrate biology of interest to you, or to learn how to identify Australian vertebrates.

Courses: ED50, SC01 **Prerequisites:** NRB270

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **NRB500 ENVIRONMENTAL MODELLING**

This unit builds the capacity to develop understanding of the interdependent relationships that characterise environmental systems via model building. Models will be developed to study the function of simple environmental processes by adopting a systems approach. This approach will be presented as a foundation for informed environmental management.

Courses: SC01

Prerequisites: NRB400

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **NRB501 MAPPING AND MODELLING OF NATURAL RESOURCE DATA**

An introduction to the concepts, theory and practice of GIS essential to the understanding of spatial data analysis methods in environmental and natural resource related applications. Key elements of GIS examined are: map projections, coordinate systems, geographic data structures, data acquisition, data visualisation, error handling, and environmental decision support. Practical work uses database software and a GIS package to solve spatial analysis problems within a natural resource management context. Critical analysis, problem solving, written communication and time management skills are embedded within the curriculum.

Courses: ED50, SC01

Prerequisites: 72 credit points of Science units

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **NRB510 POPULATION GENETICS**

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 **Semester:** 1

► **NRB511 POPULATION MANAGEMENT**

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 **Semester:** 1

► **NRB533 ADVANCED GEOLOGICAL MAPPING**

A field excursion of approximately 3 weeks duration, conducted during the semester break. The excursion emphasises geological mapping skills in lithologically and structurally varied regions. Past excursions have focussed on the Mt Isa region and have been run in collaboration with the University of Queensland. 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

Semester: 1

► **NRB534 GEOPHYSICS**

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 **Semester:** 1

► **NRB535 GEOLOGY OF FOSSIL FUELS**

Focuses on: coal properties, classification, genesis, and analysis; coal hand specimen studies and microscopy; hydrocarbon generation from coal and oil shale; coalfield 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 **Semester:** 1

► **NRB536 PETROLOGY AND GEOCHEMISTRY**

Through lecture, discussion and problem solving exercises, this unit introduces the application of geochemistry, phase equilibria, and thermodynamics to understand 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 **Semester:** 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 will be given to Australian coastal marine systems: their importance, care, and abuse. The unit will involve a compulsory 3 day field trip to a local coastal ecosystem.

Courses: ED50

Contact hours: 4 per week **Credit points:** 12
Campus: CA **Semester:** 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 **Semester:** 1

UNIT SYNOPSES

► NRB600 ISSUES IN ENVIRONMENTAL MANAGEMENT

This unit explores issues in environmental management, their multi-disciplinary nature and the processes of environmental management decision making. The role of science and ecologically sustainable development in the development of policy for environmental management provides a focus and the underlying themes for this unit. Environmental management aims for sustainability which is multifaceted. Environmental policy must be founded on scientific knowledge about the environment, but to be effective, it must also be integrated with social, economic, political and technological policies. Therefore, this unit discusses contemporary environmental management issues and the associated linkage between these, scientific information and environmental decision-making.

Courses: ED50, SC01

Prerequisites: 12 credit points in Level 3 science units

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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 management. 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 **Semester:** 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 **Semester:** 2

► NRB633 HYDROGEOLOGY

Main focus 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 will obtain practical experience with pump tests, chemical analysis of waters and will be given introduction to computer modelling. There will be interaction with government and private sector hydrogeologists, and field site visits.

Courses: SC01 **Prerequisites:** NRB232

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► NRB635 PLATE TECTONICS AND ADVANCED STRUCTURAL GEOLOGY

Considers geological observations in the context of a unifying theory. Examines lithospheric plates, plate geometries, Earth morphology, relative and absolute plate movements, stresses of

plate interactions, types of plate boundaries, and orogenesis. 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 **Semester:** 2

► NRB636 STRATIGRAPHY AND BASIN ANALYSIS

Focuses on advanced stratigraphic and basin analysis primarily utilising subsurface data. Sequence stratigraphic models for the dominant depositional systems will be explored with emphasis on how they change owing to temporal shifts in tectonic, eustatic and climatic parameters. Integrated lithostratigraphic, biostratigraphic, geophysical, and geochemical data sets will be introduced as fundamental aspects of basin analysis.

Courses: SC01

Prerequisites: NRB333, NRB437

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► NRB640 PHYSICAL CHEMISTRY OF THE ENVIRONMENT

Develops the more advanced aspects of physical and chemical processes in the ambient environment, with a specific focus on thermodynamics, chemical equilibria and kinetics. The emphasis will be on the development, validation and application of different analytical and numerical models.

Courses: SC01

Prerequisites: NRB440, PCB305

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 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. Content will cover 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 and human impact and management in marine and freshwater systems.

Courses: ED50, SC01 **Prerequisites:** NRB311

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► NRB720-1 PROJECT

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.

Courses: SC60 **Credit points:** 60
Campus: GP **Semester:** 1, 2

► NRB720-2 PROJECT

Courses: SC60 **Credit points:** 60
Campus: GP **Semester:** 1, 2

► NRB720-3 PROJECT

Courses: SC60 **Credit points:** 60
Campus: GP **Semester:** 1, 2

► NRB720-4 PROJECT

Courses: SC60 **Credit points:** 60
Campus: GP **Semester:** 1, 2

► NRB720-5 PROJECT

Courses: SC60 **Credit points:** 60
Campus: GP **Semester:** 1, 2

► NRB730-1 RESEARCH METHODS AND STRATEGIES

Two semester unit with its main focus to develop the research planning, abilities and skills of the student. The major assessable components are: literature review, seminars, informal presentations and discussions on subjects relevant to the research topic, and advanced skills workshops and exercises.

Courses: SC60 **Credit points:** 24
Campus: GP **Semester:** 1, 2

► NRB730-2 RESEARCH METHODS AND STRATEGIES

Courses: SC60 **Credit points:** 24
Campus: GP **Semester:** 1, 2

► NRB735 ADVANCED STUDIES IN RESOURCE SCIENCES

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 **Semester:** 1, 2

► NRN100 READINGS IN NATURAL RESOURCE SCIENCES 1

A review of literature in an area of direct relevance to the research project. The review should be designed in conjunction with the supervisor and 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 **Semester:** 1, 2

► NRN101 READINGS IN NATURAL RESOURCE SCIENCES 2

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 normally be approximately 10,000 words and be a critical analysis of a substantial research area.

Courses: IF49, SC71, SC80
Corequisites: NRN100 **Credit points:** 12
Campus: GP **Semester:** 1, 2

► NRN102 SEMINARS IN NATURAL RESOURCE SCIENCES 1

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 normally 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 **Semester:** 1, 2

► NRN103 SEMINARS IN NATURAL RESOURCE SCIENCES 2

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 normally be presented within 12 months (full-time) or 24 months (part-time) of commencement of the postgraduate program.

Courses: IF49, SC80
Prerequisites: NRN102 **Credit points:** 12
Campus: GP **Semester:** 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 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 **Semester:** 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 **Semester:** 1, 2

► **NSB113 VALUES, CULTURE AND DIVERSITY**

This unit will introduce 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. A number of examples from contemporary Australian society will be 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 **Semester:** 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 **Semester:** 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

► **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 **Semester:** 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 **Semester:** 1

► **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 **Semester:** 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 **Semester:** 1

► **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 **Semester:** 1

► **NSB225 PROMOTING HEALTH ACROSS THE LIFESPAN**

Concepts addressed in this unit include the exploration 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 well being for dying clients and their families.

Courses: NS40, NS45, HL40, HL46
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **NSB312 FAMILY AND COMMUNITY NURSING**

Community and family nursing practice interfaces with care provided to individuals in hospital 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 **Semester:** 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 **Semester:** 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 **Credit points:** 12
Campus: KG **Semester:** 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

UNIT SYNOPSES

Campus: KG

Semester: 1

► 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: Includes 8 weeks off-campus clinical experience

Credit points: 24

Campus: KG

Semester: 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 knowledge 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

Semester: 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

Semester: 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. The 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, counselling patients and families to promote health and well being.

Courses: NS40, NS45, HL46

Contact hours: 3 per week **Credit points:** 12

Campus: KG

Semester: 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

Semester: 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

Semester: 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

Semester: 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

Semester: 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 cardi thoracic 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

Semester: 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

Semester: 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: KG, EXT

Semester: 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

Semester: 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

Semester: 1

► NSN004 ACUTE PAEDIATRIC NURSING

This unit is designed to provide registered nurses with advanced knowledge and skills to enable them to provide safe and competent care to children experiencing acute paediatric illness. This unit will focus on acute health problems in children, employing clinical assessment, problem solving and critical thinking skills. Following completion of this unit the registered nurse 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

Semester: 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

Semester: 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 speciality. 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

UNIT SYNOPSES

Campus: KG, EXT **Semester:** 2

► **NSN311 CLINICAL STUDIES IN MIDWIFERY A**

This unit provides the opportunity for students to develop the 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 will 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 **Semester:** 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 non-pathological process, during which the midwife, in collaboration with the woman, family, and other health professionals, provides midwifery care.

Courses: NS68, NS85
Contact hours: 3 per week **Credit points:** 12
Campus: KG, EXT **Semester:** 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 **Semester:** 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 women, her infant and family.

Courses: NS68, NS85
Prerequisites: NSN321, NSN311
Corequisites: NSN322
Contact hours: 3 per week **Credit points:** 12
Campus: KG, EXT **Semester:** 2

► **NSN502 CRITICAL INQUIRY IN HEALTH CARE**

Over the past few decades nursing has begun to research and debate many issues pertinent to nursing, and to look critically at nursing as both a profession and a domain of knowledge and skills. This unit assists this ongoing evolution and is an opportunity for you to explore knowledge relevant to your nursing speciality. Selected areas of nursing knowledge development are presented for examination and debate.

Courses: NS64, NS85
Contact hours: Negotiable **Credit points:** 12
Campus: KG, EXT **Semester:** 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 **Credit points:** 24
Campus: KG, EXT **Semester:** 1, 2

► **NSN507 CONTEMPORARY PRACTICE ISSUES**

This unit allows 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 **Credit points:** 12
Campus: KG, EXT **Semester:** 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 undertaking this unit will have the opportunity to develop advanced skills information retrieval, critical analysis and writing for publication.

Courses: NS64, NS85 **Credit points:** 12
Campus: KG, EXT **Semester:** 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 **Semester:** 2

► **NSN515 CLINICAL LEADERSHIP AND MANAGEMENT**

This unit aims to extend students' understanding of contemporary issues and trends in the development 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 **Semester:** 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 **Semester:** 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 **Semester:** 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 **Credit points:** 12
Campus: KG, EXT **Semester:** 2

► **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 **Semester:** 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 **Semester:** 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 **Semester:** 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

UNIT SYNOPSES

Prerequisites: NSN701, NSN721

Contact hours: 3 per week **Credit points:** 12
Campus: KG, EXT **Semester:** 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 **Semester:** 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 strategies/interventions for client care; and development of selected technical skills.

Courses: NS31, NS33, NS64, NS85

Credit points: 12

Campus: KG, EXT **Semester:** 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

Contact hours: 3 per week **Credit points:** 12
Campus: KG, EXT **Semester:** 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 will include: 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 **Semester:** 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 **Semester:** 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 **Semester:** 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; confusion; 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 **Semester:** 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 is an independent piece of research in the student's specific areas of interest in nursing, and is completed under the guidance of a supervisor.

Courses: NS85

Campus: KG, EXT **Semester:** 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 is an independent piece of research in the student's specific area of interest in nursing, and is completed under the guidance of a supervisor.

Courses: NS85

Campus: KG, EXT **Semester:** 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 **Semester:** 1

► NSN921 KEY ISSUES IN MENTAL HEALTH NURSING

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 **Corequisites:** NSN901

Contact hours: 3 per week **Credit points:** 12
Campus: KG

► NSN922 COMMUNITY PERSPECTIVES IN MENTAL HEALTH NURSING

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 **Prerequisites:** NSN921

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► NSN928 COUNSELLING IN MENTAL HEALTH NURSING

This unit is designed for nurses seeking to develop further knowledge and skills in counselling. 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 **Semester:** 2

► NSN929 CLINICAL INTERVENTION MODALITIES IN MENTAL HEALTH NURSING

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 **Semester:** 2

► 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 **Semester:** 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 **Semester:** 1

► OPB351 VISUAL SCIENCE 3

A study of the basic visual sciences that underpins the practice of optometry. It covers the op-

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tics 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

Semester: 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

Semester: 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

Semester: 2

► OPB451 VISUAL SCIENCE 4

This subject continues studies commenced in 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

Semester: 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

Semester: 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

Semester: 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

Semester: 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 will give 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

Semester: 1

► OPB553 CLINICAL PRACTICE 5

Clinical Practice 5 provides the vehicle for the application of examination techniques learned in previous and concurrent units. Emphasis will be 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

Semester: 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/infections, tumours and trauma.

Courses: OP42

Prerequisites: OPB550, OPB551, OPB552,

OPB553

Corequisites: OPB651, OPB652, OPB653

Contact hours: 5 per week **Credit points:** 12

Campus: KG

Semester: 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

Credit points: 12

Campus: KG

Semester: 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

Semester: 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

Semester: 2

► OPB750 TOPICS IN OPTOMETRY 7

Students are required to choose a research topic, conduct a literature search on this topic, develop experimental hypothesis, plan and undertake a research project. Students will give oral presentations of their own research project. Presentations on advanced clinical care and decision making skills will 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

Semester: 1

► OPB751 ADVANCED OPTOMETRY 7

This unit provides students with a thorough knowledge of more specialised areas of patient management such as 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

Semester: 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

Semester: 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

Semester: 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 will 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

Semester: 2

► OPB851 ADVANCED OPTOMETRY 8

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. 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

Semester: 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

Semester: 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

Semester: 2

► PCB007 PATIENT CARE IN PROFESSIONAL PRACTICE

Introductory subject emphasising the appropriate response to the health care needs of patients and the ethical, legal and clinical accountability of the

UNIT SYNOPSES

medical radiation technologist. Resuscitation techniques. Client-professional communication, interpersonal behaviour and skills.

Courses: PH38

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► PCB101 PHYSICAL SCIENCE

Introduces students to some of the basic concepts in the Physical Sciences by integrating core topics into a number of occupational scenarios. Topics include 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: ED50, ED90, IF29, IF39, IF61, IF86, IF87, IT21, IX02, IX14, SC01, SC20

Contact hours: 4 per week **Credit points:** 12
Campus: GP, CA **Semester:** 1, 2

► PCB107 PHYSICS AND QUANTITATIVE TECHNIQUES

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, IF86, IX02, IX14, PH38, SC01

Contact hours: 4.5 per week **Credit points:** 12
Campus: GP **Semester:** 1

► PCB136 ENGINEERING PHYSICS 1C

Introductory unit covering 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) and 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, CE45, EE41, EE42, EE46, EE47, EE48, IF21, IF28, IF59, ME36, ME40, ME41, ME42, ME43, ME48

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PCB140 INTRODUCTORY CHEMISTRY

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: HL42, IF39, IF61, IF86, IF87, PU40, SC01

Contact hours: 5 per week **Credit points:** 12
Incompatible with: PCB142
Campus: GP, CA **Semester:** 1, 2

► PCB141 CHEMISTRY FOR CLINICAL HEALTH PROFESSIONALS

General chemistry: the periodic table; chemical bonding; chemical reactions and stoichiometry; physical chemistry: chemical equilibrium; acids and bases; rates of reactions; energy and reactions; redox reactions and electrochemistry; organic chemistry: introductory organic chemistry, organic functional group chemistry, stereochemistry of organic compounds, heterocyclic chemistry; biologically important organic compounds.

Courses: HL43, OP42, PU43

Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 1

► PCB142 CHEMISTRY 1

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. Physical chemistry: states of matter, gases, chemical equilibrium, equilibria in electrolyte solutions, acids and bases, buffer solutions, colligative properties, colloids, introductory electrochemistry.

Courses: ED50, HL42, IF29, IF39, IF61, IF86, IF87, IX02, IX14, LS37, LS50, PU40, PU43, SC01, SC51

Contact hours: 5 per week **Credit points:** 12
Incompatible with: PCB140
Campus: GP **Semester:** 1, 2

► PCB150 PHYSICS 1H

Basic physical measurements, mechanics, heat, waves, acoustics and optics, and the instrumentation used to measure physical parameters.

Courses: ED90, IF71, IF87, LS37, PU40, SC51

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 1

► PCB172 PHYSICS FOR SURVEYORS

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 **Semester:** 2

► PCB178 PRINCIPLES OF MEDICAL RADIATIONS

An overview of the physical principles of the various medical imaging modalities and techniques. An overview of techniques used in the diagnosis and treatment of cancer.

Courses: PH38

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 1

► PCB200 CHEMICAL TECHNOLOGY 1

The role of chemical technologist in industry; fundamentals of chemical technology; industrial pollution obligations and monitoring; generic issues eg quality assurance, industrial health and safety.

Courses: IF86, SC01, SC51

Prerequisites: PCB142 **Corequisites:** PCB142
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2

► PCB240 OPTICS 1

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 **Semester:** 2

► PCB242 CHEMISTRY 2

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: ED50, ED90, HL42, IF29, IF39, IF61, IF71, IF86, IX02, IX14, LS37, LS50, PU40, PU43, SC01, SC51

Prerequisites: PCB140, PCB142

Corequisites: PCB142

Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PCB250 PHYSICS 1

Introduces concepts of fields and potentials. General techniques such as the description of physical systems by differential equations and their solution are also covered. Specific topic areas to be covered include: calculus based kinematics and dynamics in one and two dimensions: accelerated frames of reference, 2nd 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: ED50, ED90, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01

Prerequisites: PCB101 or PCB107

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2

► PCB260 PHYSICS 1A

Physical optics including interference, interferometry, Fraunhofer diffraction, Fourier methods, lasers and holograms. Atomic Physics including introductory quantum physics, spectra and the Bohr theory. Introduction to Special Relativity including time dilation and length contraction, Lorentz transformations, Minkowski diagrams and relativistic mass, momentum and energy.

Courses: ED50, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01

Prerequisites: PCB101 or PCB107, MAB100

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► PCB272 RADIATION PHYSICS 1

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, SC01

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► PCB276 GENERAL RADIOGRAPHY 1

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 **Semester:** 2

► PCB277 RADIOGRAPHIC PRACTICE 1

A program of practical sessions relating to radiography of the skeletal system allowing the development of skills in patient positioning and image production. 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 **Semester:** 2

► PCB286 TREATMENT PLANNING 1

Introduction to the techniques of radiotherapy treatment planning including patient data acquisition and radiation dosimetry.

Courses: PH38

Prerequisites: PCB178

Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 2

► PCB287 MEGAVOLTAGE THERAPY 1

Introduction to the basic techniques of radiotherapy treatment delivery including beam direction and beam defining devices.

Courses: PH38

Prerequisites: PCB178 **Corequisites:** LSB241

Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 2

► PCB305 PRINCIPLES OF PHYSICAL CHEMISTRY

Thermodynamics (first, second and third laws; entropy; free energy changes; real gases; heat engines); chemical kinetics (order, molecularity, reaction, mechanisms, Arrhenius equation; complex reactions); phase and colloid chemistry (phase equilibria; one and two component systems; distillation; colloidal dispersions; charged interfaces; sols and gels); macromolecules (molecular architecture; molar mass; solution and solid state properties; polymerisation); bonding (orbitals and energies of the hydrogen atom; many electron atoms; molecular orbitals).

Courses: ED50, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01, SC51

Prerequisites: PCB142

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1

► PCB314 CONCEPTS IN ANALYTICAL CHEMISTRY

Classical analytical chemistry including titrimetric analysis (neutralimetry, precipitometry, compleximetry and redoximetry); gravimetric analysis; sample preparation; specialist reagents for analytical chemistry usage; instrumental analytical chemistry; absorptometric methods (for example UV-visible spectrophotometry); electro-analytical methods including (voltmometry, potentiometry and electrogravimetry); complementary practical program and data handling.

Courses: ED50, IF39, IF71, IF86, SC01

Prerequisites: PCB142

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1

► PCB340 OPTICS 3

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

Semester: 1

► PCB354 SYNTHESIS AND REACTIVITY IN ORGANIC CHEMISTRY

Organic stereochemistry: conformation of cyclic compounds; chirality; absolute configuration; racemic and meso compounds. 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: ED50, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01, SC51

Prerequisites: PCB242

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1

► PCB361 AC THEORY AND ELECTRONICS

Emphasis on the application of theory to practical tasks. Laboratory work will consist of introductory exercises followed by a series of topics to be investigated within the available laboratory times. Specific topics 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: ED50, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01

Prerequisites: MAB111 or MAB131, PCB250

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1

► PCB362 PHYSICS 2

Integrates and enhances the knowledge gained in earlier units with applications to more interesting

and complex systems. Topics include: part A; classical mechanics, rotating systems, Lagrange's equations and Hamiltonian operators, precession. Part B; radiation physics, nuclear disintegration, equilibrium, interaction of radiation with matter, nuclear detectors. Part C; electromagnetism, electric fields, Gauss' law, dielectrics.

Courses: ED50, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01

Prerequisites: MAB132 or MAB112, PCB250

Corequisites: MAB134

Contact hours: 4 per week **Credit points:** 12

Campus: GP

Semester: 1

► PCB375-1 RADIOGRAPHIC EQUIPMENT

Discussion of design considerations of X-ray generators and specialist radiographic imaging equipment for fluoroscopy, mammography, tomography and mobile radiography.

Courses: PH38 **Prerequisites:** PCB272

Contact hours: 2 per week **Credit points:** 12

Campus: GP

Semester: 1

► PCB375-2 RADIOGRAPHIC EQUIPMENT

An introduction to computer hardware, binary numbers and the digital image. A study of the equipment used in digital fluoroscopy and computed radiography.

Courses: PH38 **Prerequisites:** PCB375-1

Contact hours: 2 per week **Credit points:** 12

Campus: GP

Semester: 2

► PCB377 GENERAL RADIOGRAPHY 2

An extension of topics introduced in PCB276 to include more advanced techniques of skeletal radiography, ward and operating theatre radiography, and examinations using contrast media. A program of practical sessions in skeletal imaging.

Courses: PH38

Prerequisites: LSB245, PCB276, PCB277

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1

► PCB379 CLINICAL RADIOGRAPHY 1

Clinical experiences in radiographic examinations introduced in PCB276 and PCB376. Experience is obtained in approved clinical departments.

Courses: PH38

Prerequisites: LSB245, PCB276, PCB277

Corequisites: PCB379

Contact hours: 160 over 4 weeks

Credit points: 6

Campus: GP

Semester: 1

► PCB389 CLINICAL RADIOTHERAPY 1

Clinical experience in radiotherapy related to topics introduced in PCB287 and PCB286. The programs are carried out in approved clinical departments.

Courses: PH38

Prerequisites: PCB286, PCB287

Contact hours: 160 over 4 weeks

Credit points: 6

Campus: GP

Semester: 1

► PCB396-1 RADIOTHERAPY PLANNING AND PHYSICS

An extension of the study of treatment planning introduced in PCB286 to the planning of complex techniques of photon therapy and electron therapy.

Courses: PH38

Prerequisites: LSB245, PCB286, PCB287

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1

► PCB396-2 RADIOTHERAPY PLANNING AND PHYSICS

A study of the measurement and dosimetry of external beam radiotherapy including practical sessions. An introduction to the capabilities of computer hardware and software.

Courses: PH38

Prerequisites: PCB396-1

Contact hours: 4 per week **Credit points:** 12

Campus: GP

Semester: 2

► PCB397 MEGAVOLTAGE THERAPY 2

The principles and applications of megavoltage therapy including techniques for specific sites. Practical exercises are performed in clinical departments.

Courses: PH38

Prerequisites: LSB245, PCB287

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1

► PCB414 INDUSTRIAL AND ENVIRONMENTAL ANALYTICAL CHEMISTRY

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: ED50, IF39, IF71, IF86, IX02, IX14, PU40, SC01, SC51

Prerequisites: PCB142

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 1, 2

► PCB434 INORGANIC CHEMISTRY

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: ED50, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01, SC51

Prerequisites: PCB142

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 2

► PCB444 SPECTROSCOPY

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, ¹³C spectra - symmetry, ¹H spectra, integrals, chemical shifts, tabulated data, Shoolery's rules, coupling, analysis of 1st order spectra, deducing connectivity relationships.

Courses: ED50, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01, SC51

Prerequisites: PCB142, PCB354

Contact hours: 5 per week **Credit points:** 12

Campus: GP

Semester: 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 nanometre-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

Semester: 2

► PCB460 INSTRUMENTATION AND COMPUTATIONAL METHODS

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 microcontrollers to analogue circuits, numerical simulation techniques.

Courses: ED50, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01

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Prerequisites: PCB361

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **PCB462 THERMODYNAMICS AND SOLID STATE PHYSICS**

Two of the main themes in physics. Part A: Thermodynamic equilibrium and zeroth, first and second laws of thermodynamics, equipartition principle and heat capacities, entropy, concept of irreversibility, Carnot cycle. Part B: 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: 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: ED50, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01

Prerequisites: MAB134 or MAB311, PCB250
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **PCB469 ASTROPHYSICS 1**

History and development of modern astronomy. Physical principles of telescopes: radio, infra-red, visible, UV, X-ray, gamma. Gravity wave and neutrino detectors. The sun, solar flares, solar wind, auroras, solar storms and their effects on satellites and communication. Space objects in the solar system: planets, comets, asteroids, meteors, etc Stellar nuclear physics and classification of stars. Stellar evolution, interstellar medium and nebulae. Doppler measurement of celestial velocities (red and blue shifts). Measurement of astronomical distances. Large scale structure of the universe: galaxies, galactic clusters and super-clusters.

Courses: ED50, EE48, SC01

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **PCB476 SPECIAL PROCEDURES**

Specialised techniques of radiography: the skull, obstetrics, gynaecology, CNS, paediatrics and geriatrics.

Courses: PH38

Prerequisites: PCB377, PCB379

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **PCB477 COMPLEMENTARY IMAGING TECHNIQUES**

The physical principles, equipment and applications of medical ultrasound and nuclear medicine imaging. Basic ultrasound scanning techniques for abdomen and pelvis and resultant imaging appearances.

Courses: PH38

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **PCB479 CLINICAL RADIOGRAPHY 2**

Clinical experience in approved departments in radiographic examinations discussed in PCB376.

Courses: PH38

Prerequisites: PCB379 **Corequisites:** PCB476

Contact hours: 200 over 5 weeks

Credit points: 6

Campus: GP **Semester:** 2

► **PCB489 CLINICAL RADIOTHERAPY 2**

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 **Semester:** 2

► **PCB495 COMPUTER ASSISTED TREATMENT PLANNING 1**

A study of planning hardware and software to include two-dimensional planning. Development of concepts to an advanced level of understanding of computer-assisted optimisation of isodose distributions.

Courses: PH38

Prerequisites: PCB386, LSB421

Corequisites: PCB497

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **PCB497 MEGAVOLTAGE THERAPY 3**

An extension of the topic introduced in PCB397 to include the full range of treatment by megavoltage therapy for cancer in specific sites. Consideration includes techniques, planning, patient positioning, outlines and measurements. Clinical experience is incorporated in this unit.

Courses: PH38

Prerequisites: PCB397, PCB389

Corequisites: PCB495

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **PCB505 ADVANCED PHYSICAL CHEMISTRY**

Dynamic electrochemistry, electrochemical processes including corrosion; advanced kinetics; quantum mechanics; surfaces and catalysts; statistical mechanics.

Courses: IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01

Prerequisites: PCB305

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **PCB514 INSTRUMENTAL ANALYSIS**

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. Complementary practical program.

Courses: IF39, IF71, IF86, IF87, IX02, IX14, SC01, SC51

Prerequisites: PCB242, PCB414

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **PCB524 UNIT OPERATIONS**

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: IF39, IF71, IF86, SC01, SC51

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **PCB554 SYNTHESIS AND REACTIVITY IN ORGANIC CHEMISTRY**

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: IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01

Prerequisites: PCB354, PCB444

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **PCB561 QUANTUM AND CONDENSED MATTER PHYSICS**

Quantum Mechanics: main postulates of quantum mechanics, uncertainty principle, quantum measurements, superposition principle, operators, mathematical approaches in quantum mechanics, Schrodinger equation, infinite potential well, potential barrier, tunnelling 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: 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, IF71, IF86, IX02, IX14, SC01

Prerequisites: MAB134 or MAB311, PCB462

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **PCB562 PHYSICAL METHODS OF ANALYSIS**

The theory and practice of important analysis techniques relevant to the materials sciences will be covered with some examples drawn from industrial processes. Specific topics to be covered: 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, IF71, IF86, IX02, IX14, SC01

Prerequisites: MAB112 or MAB132, PCB462

Contact hours: 4.5 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 1

► **PCB567 ADVANCED RADIOGRAPHIC TECHNIQUE 1**

A study of the principles and techniques used in advanced radiographic techniques including angiography, arthrography, sonography and sialography. 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 **Semester:** 1

► **PCB580-1 CLINICAL RADIOGRAPHY 3**

Clinical experience in special radiographic procedures as introduced in PCB476, and general radiography.

Courses: PH38

Prerequisites: PCB476, PCB479

Contact hours: 240 over 6 weeks

Credit points: 12

Campus: GP **Semester:** 1

► **PCB580-2 CLINICAL RADIOGRAPHY 3**

Clinical experience in advanced radiographic techniques as introduced in PCB567, and general radiography.

Courses: PH38

Prerequisites: PCB567, PCB580-1

Contact hours: 200 (over 5 weeks)

Credit points: 12

Campus: GP **Semester:** 2

► **PCB584 FORENSIC EXAMINATION OF PHYSICAL EVIDENCE**

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. Forensic photography; fingerprinting; forensic applications of optical and electron microscopy. Substantial laboratory and workshop sessions complement the theory.

Courses: IF39, IF71, IF86, IX02, IX14, SC01

Prerequisites: PCB414

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **PCB587 SPECIALISED RADIOTHERAPY TECHNIQUE 1**

A course of lectures and practical exercises on the specialised techniques of orthovoltage and superficial therapy. A study of radioactivity including 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 **Semester:** 1

► **PCB590-1 CLINICAL RADIOTHERAPY 3**

Clinical experience in specialised radiotherapy technique as discussed in PCB587 and PCB595.

UNIT SYNOPSES

- Courses:** PH38
Prerequisites: PCB489
Contact hours: 240 over 6 weeks
Credit points: 12
Campus: GP **Semester:** 1
- **PCB590-2 CLINICAL RADIOTHERAPY 3**
 Clinical experience in specialised radiotherapy technique as discussed in PCB587 and PCB595.
Courses: PH38
Prerequisites: PCB590-1
Contact hours: 200 over 5 weeks
Credit points: 12
Campus: GP **Semester:** 2
- **PCB593 DIGITAL IMAGE PROCESSING**
 This unit will provide students with a basic understanding of the computer and programming techniques used in image processing and reconstruction. Specific areas of study will include: 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; applications of image processing in medicine.
Courses: IF39, IF71, IF86, PH38, PH60, PH71, PH80, SC01
Prerequisites: MAB100 or PCB107
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1
- **PCB595 COMPUTER ASSISTED TREATMENT PLANNING 2**
 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 3D computer planning system is included.
Courses: PH38 **Prerequisites:** PCB495
Contact hours: 6 per week **Credit points:** 12
Campus: GP **Semester:** 1
- **PCB604 PROJECT**
 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 **Semester:** 2
- **PCB605 BIOMEDICAL INSTRUMENTATION**
 Transducers; basic electronics, op amps, amplifiers, noise, and reduction techniques, isolation, analogues to digital techniques, computer interfacing, signal processing, and digital filters. Build your own ECG amplifier and try it out on yourself. Microprocessors, microcomputers, assembly language, interfacing microcontrollers to instruments, data analysis techniques.
Courses: ME48
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2
- **PCB614 ADVANCED ANALYSIS**
 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 **Semester:** 2
- **PCB624 CHEMISTRY IN INDUSTRY AND TECHNOLOGY**
 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 and high technology polymers. 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 **Semester:** 2
- **PCB634 ORGANOMETALLIC AND COORDINATION CHEMISTRY**
 Major topics covered are: 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: ED50, IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01
Prerequisites: PCB434
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2
- **PCB644 FRONTIERS IN CHEMISTRY**
 A selection of topics in advanced chemistry from a range of evolving areas of relevance in modern chemistry and chemical technology such as: trace metal speciation in environmental and biological systems; free-radical chemistry; membrane science and technology but including the important issue of the societal and ethical implications of the profession of chemistry.
Courses: IF29, IF39, IF61, IF86, SC01, SC51
Prerequisites: PCB434, PCB505, PCB554
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2
- **PCB661 EXPERIMENTAL PHYSICS**
 The content of experiments and projects will vary and be adapted to the interests of each student. Students will 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, reflective practice, technological literacy and working independently.
Courses: IF29, IF39, IF61, IF71, IF86, IX02, IX14, SC01
Prerequisites: PCB361, PCB460
Credit points: 12
Campus: GP **Semester:** 2
- **PCB663 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
Prerequisites: PCB260 or EEB340, MAB134 or MAB311
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2
- **PCB665 PHYSICS 3**
 This unit 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. The unit also includes a detailed study of magnetic resonance and its applications.
Courses: IF29, IF39, IF61, IF71, IF86, SC01
Prerequisites: MAB134 or MAB311, PCB362, PCB462
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2
- **PCB667 ADVANCED RADIOGRAPHIC TECHNIQUE 2**
 An extension of topics in advanced radiographic techniques and professional practice. 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 **Semester:** 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, cosmological redshift.
Courses: IF86, SC01
Prerequisites: PCB362, MAB134 or MAB521
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2
- **PCB672-1 PROJECT**
 A supervised project involving either application of existing theoretical practical knowledge or a literature survey of a selected relevant topic.
Courses: PH38 **Credit points:** 6
Campus: GP **Semester:** 1
- **PCB672-2 PROJECT**
Courses: PH38
Prerequisites: PCB672-1 **Credit points:** 6
Campus: GP **Semester:** 2
- **PCB675 RADIATION SAFETY AND QUALITY ASSURANCE**
 A study of the biological effects of ionising and non-ionising radiation and the philosophy and protocol in radiation protection. A study of the principles and techniques used in the quality assurance of medical imaging apparatus and ancillary equipment and image formation evaluation.
Courses: PH38
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 1
- **PCB682 MAGNETIC RESONANCE IMAGING**
 Lectures, tutorial exercises in the physical principles and clinical techniques used in magnetic resonance.
Courses: PH38, PH60, PH71, PH80
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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. 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: IF39, IF71, IF86, SC01
Prerequisites: PCB242, PCB514
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 2
- **PCB687 SPECIALISED RADIOTHERAPY TECHNIQUE 2**
 A study of specialised radiotherapy techniques including techniques applicable to the child patient and patients with communicable disease, total body photon and electron therapy. A course of lectures on the principles, strengths and stage

UNIT SYNOPSES

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 **Semester:** 2

► PCB695 ADVANCED TREATMENT PLANNING TOPICS

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 **Semester:** 2

► PCB700-1 RESEARCH PROJECT

All students undertaking Honours are 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.

Courses: SC60 **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PCB700-2 RESEARCH PROJECT

Courses: SC60 **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PCB700-3 RESEARCH PROJECT

Courses: SC60 **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PCB700-4 RESEARCH PROJECT

Courses: SC60 **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PCB700-5 RESEARCH PROJECT

Courses: SC60 **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PCB705 PROJECT

A research project in which the student initiates and undertakes an investigation of some magnitude and originality. Topics are related to research interests in the School of Physical and Chemical Sciences.

Courses: SC60 **Credit points:** 48
Campus: GP **Semester:** 1, 2

► PCB706 QUANTUM MECHANICS

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, time-dependent perturbation theory.

Courses: SC60 **Prerequisites:** PCB561
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PCB707 ADVANCED MATERIALS

Amorphous and nanocrystalline structures; ceramics; metastable interstitial nitrides; composites; superconducting ceramics; fabrication techniques; testing and analysis of advanced materials; shock processing.

Courses: SC60 **Credit points:** 12
Contact hours: 4 per week **Campus:** GP **Semester:** 1, 2

► 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 **Credit points:** 12
Contact hours: 4 per week **Campus:** GP **Semester:** 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 pres-

ently 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 **Semester:** 1, 2

► PCB780-1 ADVANCED TOPICS IN CHEMISTRY 1

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.

Courses: SC60 **Credit points:** 24
Contact hours: 6 per week **Campus:** GP **Semester:** 1, 2

► PCB780-2 ADVANCED TOPICS IN CHEMISTRY 1

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.

Courses: SC60 **Credit points:** 24
Contact hours: 6 per week **Campus:** GP **Semester:** 1, 2

► PCB805 MEDICAL IMAGING AND IMAGE PROCESSING

Acquisition of medical images; image format and display; image reconstruction from projections, multiplanar reconstruction, 3D display, surface and volume rendering; image processing; image storage and transfer.

Courses: ME48 **Credit points:** 12
Contact hours: 4 per week **Campus:** GP **Semester:** 2

► PCN112 MEDICAL IMAGING SCIENCE

Introduction to the MATLAB programming language; programming techniques and algorithms and digital image processing. The principles of display, perception and interpretation of medical images. Image quality. Imaging in nuclear medicine.

Courses: PH71, PH80, SC60 **Credit points:** 12
Contact hours: 4 per week **Campus:** GP **Semester:** 2

► PCN113 RADIATION PHYSICS

Radioactivity and the interaction of ionising radiation with matter; applied radiation counting techniques; radiation detectors; radiation dosimetry.

Courses: PH71, PH80, SC60 **Credit points:** 12
Contact hours: 4 per week **Campus:** GP **Semester:** 1

► PCN114 MICROPROCESSORS AND INSTRUMENTATION

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, SC60 **Credit points:** 12
Contact hours: 4 per week **Campus:** GP **Semester:** 1

► PCN121 VISION COLOUR AND PHOTOMETRY

Measurement of luminous flux; luminous intensity; illuminance; luminance; reflectance; transmittance; diffuse surfaces; inverse square law; cosine law; Munsell and CIE Colour System; chromaticity coordinates YXY, L*A*B*, Luv, correlated colour temperature, colour rendering indices; The integrating sphere; goniophotometry; 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.

Credit points: 12
Campus: GP **Semester:** 2

► PCN124 LAMPS AND LUMINAIRES

Development of light sources; practical requirements of light sources including tubular fluorescent lamps; 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 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.

Corequisites: PCN121 **Credit points:** 12
Campus: GP **Semester:** 2

► PCN159 ULTRASONIC EXAMINATION 1

The normal and abnormal anatomy and functions related to gynaecology and obstetrics, the ultrasonic techniques used and the appearance of related images. 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 **Credit points:** 12
Corequisites: PCN162, PCN197 **Campus:** GP **Semester:** 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, quality assurance techniques, biological hazards and safety issues, care of the patient and communication issues.

Courses: PH71, PH75, PH80, PH85 **Credit points:** 12
Contact hours: 3 per week **Campus:** GP **Semester:** 1

► PCN184 BREAST IMAGING

Medical imaging of the breast; principles of mammographic and sonographic imaging; breast anatomy and physiology; pathological conditions affecting the breast and their appearances; advanced mammographic techniques; mammographic and sonographic quality assurance.

Courses: PH60 **Credit points:** 12
Prerequisites: PCN162, PCN187 **Corequisites:** PCN397 **Contact hours:** 3 per week **Campus:** GP **Semester:** 2

► PCN197-1 CLINICAL ATTACHMENT 1

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.

Courses: PH60, PH71, PH80 **Credit points:** 12
Corequisites: PCN159, PCN162 **Campus:** GP **Semester:** 1, 2

► PCN197-2 CLINICAL ATTACHMENT 1

Courses: PH60, PH71, PH80 **Credit points:** 12
Corequisites: PCN159, PCN162 **Campus:** GP **Semester:** 1, 2

► PCN211 PHYSICS OF MEDICAL IMAGING

The physical principles involved in the production of radiographic, ultrasonic and magnetic resonance images; quality control protocols.

Courses: PH71, PH80, SC60 **Credit points:** 12
Contact hours: 4 per week **Campus:** GP **Semester:** 1

UNIT SYNOPSES

► PCN212 RADIOTHERAPY PHYSICS

Overview of the application of physics to radiotherapy; theoretical and practical aspects of the major topics in radiotherapy physics.

Courses: PH71, PH80, SC60

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► PCN214 HEALTH AND OCCUPATIONAL PHYSICS

The philosophy, protocols and practices of safety in the medical and industrial fields; minimisation of hazards associated with radiation, acoustic, electrical and mechanical techniques.

Courses: PH71, PH80, SC60

Contact hours: 4 per week **Credit points:** 12
Campus: GP

► PCN218 RESEARCH METHODOLOGY AND PROFESSIONAL STUDIES

In the rapidly changing technological environment of medical physics, medical imaging 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 **Semester:** 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, pediatric 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 and an introduction to Doppler physics and principles.

Courses: PH75, PH85

Prerequisites: LSN259, PCN162

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► PCN297 CLINICAL ATTACHMENT 2

A period of additional supervised clinical practice designed to expand and refine skills acquired in PCN197.

Courses: PH71, PH80

Prerequisites: PCN159, PCN197, PCN356

Corequisites: PCN355, PCN357

Credit points: 12
Campus: GP **Semester:** 1, 2, 3

► PCN355 VASCULAR ULTRASOUND

The principles and equipment requirements of ultrasound applications in the cardiovascular system; 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 **Semester:** 1

► PCN356 ULTRASONIC EXAMINATIONS 2

Ultrasound techniques used to examine the head, neck and peripheral organs and the ultrasonic appearance of normal and abnormal anatomy and pathology. 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 **Semester:** 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 **Semester:** 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

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► PCN397-1 CLINICAL ATTACHMENT 3

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.

Courses: PH60

Credit points: 12

Campus: GP **Semester:** 1

► PCN397-2 CLINICAL ATTACHMENT 3

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.

Courses: PH60

Credit points: 12

Campus: GP **Semester:** 1, 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 fetus, and pediatric and adult patient, and new and evolving technologies will be covered. Additionally, an overview of other diagnostic methods of the heart will be 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 **Semester:** 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.

Courses: PH75, PH85

Corequisites: LSN259, PCN162, PCN259

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PCN497-2 CLINICAL ATTACHMENT 4

Courses: PH75, PH85

Corequisites: LSN259, PCN162, PCN259

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 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 **Semester:** 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.

Courses: PH80

Contact hours: 9 per week **Credit points:** 24
Campus: GP **Semester:** 1, 2, 3

► PCN540-2 PROJECT (PART-TIME)

Courses: PH80

Contact hours: 9 per week

Credit points: 24

Campus: GP **Semester:** 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.

Courses: PH75, PH85

Prerequisites: PCN497

Corequisites: PCN359, PCN459

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PCN597-2 CLINICAL ATTACHMENT 5

Courses: PH75, PH85

Prerequisites: PCN497

Corequisites: PCN359, PCN459

Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1, 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 2 semesters.

Courses: PH85

Contact hours: 9 per week **Credit points:** 48
Campus: GP **Semester:** 1, 2

► PCN640-2 PROJECT

Courses: PH85

Contact hours: 9 per week **Credit points:** 48
Campus: GP **Semester:** 1, 2

► PCN701 TOPICS IN ADVANCED CHEMISTRY 1

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

► PCN705-1 RESEARCH METHODOLOGY

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.

UNIT SYNOPSES

- Courses:** SC80
Campus: GP
Credit points: 12
Semester: 1, 2
- **PCN705-2 RESEARCH METHODOLOGY**
Courses: SC80
Campus: GP
Credit points: 12
Semester: 1, 2
- **PCN710 CHEMICAL INSTRUMENTATION**
Chemical instrumentation and electronics required for advanced level operation of scientific instrumentation.
Courses: SC80
Campus: GP
Credit points: 12
Semester: 1, 2
- **PCN715 ADVANCED TOPICS IN PHYSICS 1**
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
Campus: GP
Credit points: 8
Semester: 1, 2
- **PCN716 ADVANCED TOPICS IN PHYSICS 2**
See PCN715
Courses: SC80
Campus: GP
Credit points: 12
Semester: 1, 2
- **PCN720 CHEMOMETRICS**
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
Campus: GP
Credit points: 12
Semester: 1, 2
- **PCN730 ADVANCED PHYSICAL METHODS IN CHEMISTRY**
The theoretical and practical principles of selected physical methods in chemistry.
Courses: SC80
Credit points: 12
Campus: GP
Semester: 1, 2
- **PCN740 LABORATORY TECHNIQUES FOR PREPARATIVE CHEMISTRY**
The experimental techniques for the preparation and isolation of pure substances.
Courses: SC80
Campus: GP
Credit points: 12
Semester: 1, 2
- **PCN801 TOPICS IN ADVANCED CHEMISTRY 2**
See PCN701.
Courses: SC80
Campus: GP
Credit points: 12
Semester: 1, 2
- **PSB411 PLANNING/LANDSCAPE DESIGN 1**
Theory: Basic design vocabulary, design principles, design tools, different approaches to design and problem solving. Studio: Projects to encourage an understanding of design - seeing design through the use of line, form, colour, texture, etc using design principles, and developing critical and creative thinking towards design.
Courses: BN31
Contact hours: 4 per week
Campus: GP
Credit points: 12
Semester: 1
- **PSB412 COMPUTER SKILLS**
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 as a professional tool.
Courses: BN31, PS47, PS48
Contact hours: 3 per week
Campus: GP
Credit points: 12
Semester: 1, 2
- **PSB413 GRAPHICS**
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
Semester: 1
- **PSB414 PROFESSIONAL SKILLS 1**
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
Campus: GP
Credit points: 12
Semester: 1
- **PSB415 CONTEMPORARY LANDSCAPE DESIGN**
This unit engages students studying to become landscape architects with 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, by analysing 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
Campus: GP
Credit points: 12
Semester: 1
- **PSB416 RESEARCH AND CRITICISM**
This unit fosters an understanding of worldviews influencing the culture of landscape architecture. Module 1 The What, Why and How of Landscape Research, Module 2 Contemporary Belief Systems in Landscape Research, Module 3 Methods for Answering Researchable Questions.
Courses: BN31
Contact hours: 3 per week
Campus: GP
Credit points: 12
Semester: 1
- **PSB417 MANUAL/DIGITAL GRAPHICS**
Introduction to the application of graphic communication methods as it relates to environmental design. Manual graphic techniques and Digital (computer-aided) graphic techniques. Manual graphic techniques with an emphasis on the development of a variety of presentation graphics with reference to three-dimensional presentation in drawn form is 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 will be an expected outcome. Digital (computer-aided) graphic techniques will develop your 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
Campus: GP
Credit points: 12
Semester: 2
- **PSB421 PLANNING/LANDSCAPE DESIGN 2**
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
Contact hours: 4 per week
Campus: GP
Credit points: 12
Semester: 2
- **PSB422 ENVIRONMENTAL SCIENCE**
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
Campus: GP
Credit points: 12
Semester: 2
- **PSB423 GROUP DYNAMICS**
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. 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
Campus: GP
Credit points: 12
Semester: 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
Campus: GP
Credit points: 12
Semester: 1, 2
- **PSB431 PLANNING/LANDSCAPE DESIGN 3**
Theory - reinforcement of the design process. Character - components, types and delineation. Place/use relationships. Practical - projects requiring 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
Campus: GP
Credit points: 12
Semester: 1
- **PSB432 HISTORY OF BUILT ENVIRONMENT**
Lectures will 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 will cover 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
Campus: GP
Credit points: 12
Semester: 2
- **PSB433 PLANNING PROCESSES (URP ONLY)**
Planning as a creative and value-based activity. 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. The emerging fields within community and land use planning. The examples will 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
Campus: GP
Credit points: 12
Semester: 1

► **PSB434 LANDSCAPE CONSTRUCTION A (L'SCAPE ONLY)**

The units comprise 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 will be paid to: 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 **Semester:** 1

► **PSB435 SOCIAL AND CULTURAL RELATIONS**

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 **Semester:** 1

► **PSB441 PLANNING/LANDSCAPE DESIGN 4**

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, affects of topography, vegetation, structures, and surface materials -1 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 and discipline orientated proposals for the community/location improvement.

Courses: BN31 **Prerequisites:** PSB431
Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **PSB442 PLANT STUDIES (L'SCAPE ONLY)**

Plant Ecology: 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: 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, foreshores, and broad scale regeneration and stabilisation.

Courses: BN31 **Prerequisites:** PSB422
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **PSB443 POPULATION AND URBAN STUDIES**

Population Studies: 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: 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
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► **PSB444 LANDSCAPE CONSTRUCTION B (L'SCAPE ONLY)**

The units comprise 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 will be paid to: 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 **Semester:** 2

► **PSB445 INFRASTRUCTURE PLANNING (URP ONLY)**

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
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 1

► **PSB452 PROFESSIONAL SKILLS 2**

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 **Semester:** 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
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 2

► **PSB462 CONSERVATION AND MANAGEMENT**

Composite unit containing 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, and 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 **Semester:** 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 **Semester:** 2

► **PSB610 GOVERNMENT AND LAW**

Study of Australian political institutions and how they affect land development.

Courses: PS47, PS48, BN31
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 1

► **PSB611 INTRODUCTION TO URBAN AND REGIONAL ECONOMICS**

Microeconomics (global and national macroeconomic forces as they affect firms will be outlined); 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 **Semester:** 2

► **PSB612 SPATIAL AND LAND INFORMATION MANAGEMENT**

Spatial Information Science Application Areas: application areas; resource management; urban and rural planning; cadastral administration; facilities management. System Planning: system planning overview; functional requirements analysis; system evaluation; benchmarking. System Implementation: database creation; implementation issues; implementation strategies. Other Aspects: standards; legal issues; knowledge-based techniques.

Courses: PS47, PS48 **Prerequisites:** PSB631
Contact hours: 4 per week **Credit points:** 12
Campus: GP

UNIT SYNOPSES

► PSB613 LAND DEVELOPMENT PRINCIPLES AND POLICIES

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 **Semester:** 2

► PSB614 URBAN AND RURAL DESIGN PRINCIPLES

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 - negotiations, applications, appeals and preparations for Court.

Courses: PS47, PS48 **Prerequisites:** PSB613

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► PSB615 URBAN AND RURAL DESIGN PRACTICE

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 **Semester:** 2

► PSB620 CADASTRAL SURVEYING AND MAPPING

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. 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 **Semester:** 1

► PSB621 ADVANCED CADASTRAL SURVEYING

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 **Semester:** 2

► PSB630 CARTOGRAPHY AND DIGITAL MAPPING

Digital data acquisition: types of digitisers and scanners; raster/vector conversions; digitising techniques; scanning problems; output devices; printers, plotters, scanner plotters, image setters. 3-D representation and precision plotting. Condi-

tions 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 **Semester:** 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 **Semester:** 2

► PSB632 PHOTOGRAMMETRY

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 stereo-plotter, 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 **Semester:** 2

► PSB633 MAP PRODUCTION: PRINCIPLES AND PRACTICE

Map design, map production principles; map production practice, map publishing; reprographics and printing methods; desktop publishing, colour system for cartographic drawing; colour separation, grid and graticules and design layout, interactive mapping and selection of layers, generalisation and symbolisation.

Courses: PS47, PS48 **Prerequisites:** PSB632

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PSB640 SURVEYING

This unit will extend the theory and practice of PSB424 Land Science 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 **Semester:** 2, 3

► PSB641 ENGINEERING SURVEYING

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 **Semester:** 2

► PSB642 CONTROL SURVEYING AND ANALYSIS

Reconnnaissance 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, that of 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 co-ordinates.

Courses: PS47, PS48

Prerequisites: PSB641, MAB730

Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 1, 2

► PSB643 GEODESY

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. 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 **Semester:** 2

► PSB644 ADVANCED GEODESY

(a) 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 (b) Practicals: GPS Network

Courses: PS47, PS48 **Prerequisites:** PSB643

Contact hours: 4 per week **Credit points:** 12
Campus: GP **Semester:** 1

► PSB645 SURVEYING AND MAPPING PRACTICE

Field surveys for DTMs as-constructed surveys, associated specifications 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 **Semester:** 2

► PSB650 PROJECT 1

(1) Students will study an existing approved unit from within the School, Faculty or University. Students will study the chosen unit under the above elective code. Or (2) Students will 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 will 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 actual code of the unit being taken.

Courses: PS47, PS48 **Credit points:** 12

Campus: GP **Semester:** 1

► PSB651 PROJECT 2

(1) Students will study an existing approved unit from within the School, Faculty or University. Students will study the chosen unit under the above elective code. Or (2) Students will 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 will 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 actual code of the unit being taken.

Courses: PS47, PS48 **Credit points:** 12

Campus: GP **Semester:** 2

► PSB652 TOPICS IN LAND ADMINISTRATION

Students will 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 **Semester:** 2

► PSB653 TOPICS IN SURVEYING ENGINEERING

Students will 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 **Semester:** 2

► PSB654 TOPICS IN SPATIAL INFORMATION SCIENCE

UNIT SYNOPSES

Students will 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 **Semester:** 1, 2

► PSB655 REMOTE SENSING

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 **Semester:** 1

► PSN211 RESEARCH PROJECT 1

Understanding and demonstration of relevant research skills and their effective application in a project of genuine substance and significance. Each student will undertake a Research Project in one of the elected specialisations: Landscape; Design, Planning, Theory, Practice, Management. Each student will be assigned to a supervisor approved by the Course Coordinator. Supervisors will provide guidance on the selection of topic, investigation and research, and preparation of the proposals and submission. Research Project 1 will incorporate advanced Information Retrieval Skills. The output will be 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 **Semester:** 1, 2

► PSN212 RESEARCH PROJECT 2

Ensures the understanding and demonstration of relevant research skills and their effective application in a project of genuine substance and significance. Each student will undertake a Research Project in one of the elected specialisations: Landscape Design, Landscape Planning, Landscape Theory, Landscape Practice, Landscape Management. Each student will be assigned to a supervisor approved by the Course Coordinator. In general, the supervisor will provide 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 **Semester:** 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 will 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

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

► PSN214 ELECTIVE

Allows development of depth in understanding of issues related to the elected specialisation. The School may offer specific programs in areas of specialisation or students will 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 and which 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 **Semester:** 1, 2

► PSN221 ADVANCED SPECIALISATION

The student develops further the approved specialised topic. Students may apply for approval for a specific Advanced Specialisation utilising units 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 and Special Topic.

Courses: PS70

Contact hours: 3 per week **Credit points:** 12

Campus: GP **Semester:** 1, 2

► PSP261 LANDSCAPE CONSTRUCTION 1

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 **Semester:** 1

► PSP262 COMMUNICATION AND PRACTICE 1

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 projects, 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; and an overview of environmental law. Formal writing and oral communication techniques and visual communication.

Courses: PS66, PS71

Credit points: 12

Campus: GP **Semester:** 1

► PSP263 LANDSCAPE ECOLOGY

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

Semester: 1

► PSP264 SPATIAL DESIGN THEORY

Theories, values, rationales, and philosophies of place; design processes and dimensions; imitability 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 **Semester:** 1

► PSP265 LANDSCAPE CONSTRUCTION 2

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 **Semester:** 1, 2

► PSP266 COMMUNICATION AND PRACTICE 2

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 **Semester:** 1, 2

► PSP267 HERITAGE AND PLANT STUDIES

Landscape Design History: The evolutionary development of designed landscapes (part of cultural landscapes - those created by human beings) within a global context, highlighting Australia; use of chronological, biographical and thematic approaches to understanding changes. The theory and practice behind the conservation of the built environment, and especially cultural landscape heritage; an introduction to the Venice Charter, the Florence Charter and Australia ICOMOS' Burra Charter; conservation principles and accepted procedures Plant Studies: The contemporary theory and practice behind the use of plants by landscape architects.

Courses: PS66, PS71

Credit points: 12

Semester: 1, 2

► PSP268 SITE PLANNING

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. 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. Application of site planning principles and theory for different scales and types of projects.

Courses: PS66, PS71

Credit points: 12

Campus: GP **Semester:** 1, 2

► PSP269 ADVANCED CONSTRUCTION AND PRACTICE 1

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 **Semester:** 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; virtual environments.

Courses: PS66, PS71, PS77

Campus: GP

Semester: 1

► PSP271 ADVANCED LANDSCAPE DESIGN 1

Contemporary theories of urban design as they affect the range of urban landscapes from residential to inner city; and emerging theories and

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concepts of regional and local economic development as they relate to sustainable landscapes in terms of living and working environments. Application of theoretical frameworks to the studio project that will explore 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 **Semester:** 1

► PSP272 ADVANCED CONSTRUCTION AND PRACTICE 2

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 **Semester:** 2

► PSP273 LANDSCAPE PLANNING

Landscape planning theory: the theoretical framework of landscape planning: relevant theories, methods, and techniques for application in the landscape planning process. Computer Modelling: types of GIS, potentials and problems, and current issues. Advanced Landscape Ecology: Structure of landscapes, impacts of human settlement. Studies will include medium to large scale projects involving a range of biophysical, cultural, and visual issues with a relatively high degree of complexity. The focus will be 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 **Semester:** 2

► PSP274 ADVANCED LANDSCAPE DESIGN 2

Cultural Values: provides the theoretical background to an understanding of how cultural values influence place making through interpretations of place and the cultural landscape. Studio: Advanced Landscape Design 2 is the last design unit in the course. The studio project focus of this unit will provide the opportunity to develop a graduating landscape design project of the highest standard. The project will explore 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 **Semester:** 2

► PSP275 INTRODUCTORY DESIGN AND GRAPHICS

The modules in this Unit will introduce a basic understanding of design and perception theory, freehand 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; develop an initial proficiency in freehand and technical drawing and to develop understanding of basic drawing conventions and processes; and develop 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 **Semester:** 3

► PSP311 PROFESSIONAL PRACTICE MANAGEMENT

Business communication; 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 **Semester:** 1

► PSP314 BOUNDARY DEFINITION SURVEYS 1

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. Office completion of project work including plan preparation using appropriate computer technology.

Courses: PS68
Contact hours: 42 **Credit points:** 12
Campus: GP **Semester:** 1

► PSP316 SURVEY COMPUTING AND PROCESSING

Understand and use of 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 **Semester:** 1

► PSP317 PROPERTY DEVELOPMENT SURVEYS

An examination of the legislation involved with the above. Detailed consideration of urban and rural subdivision design and requirements. Procedures involved with rezoning and subdivision applications. Detailed consideration of building units and group titles developments. Considerations of multiple use development.

Courses: PS68
Contact hours: 42 **Credit points:** 12
Campus: GP **Semester:** 1

► PSP323 PROJECT SITE SURVEYS

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 are involved; 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 **Credit points:** 12
Campus: GP **Semester:** 2

► PSP326 GIS AND GPS

Project work involving the total assessment, planning, costing and preparation of specifications for a comprehensive mapping task. Consideration to GPS theory and practical application of the methods to conventional surveying. 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 **Semester:** 2

► PSP327 ENGINEERING SURVEYING

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 **Semester:** 2

► PSP328 BOUNDARY DEFINITION SURVEYS 2

Reinstatement exercises becoming increasingly more complex and difficult. Field survey project work associated with difficult boundary definition. Field survey project work associated with boundary definition for easement surveys and mining lease surveys.

Courses: PS68
Contact hours: 42 **Credit points:** 12
Campus: GP **Semester:** 2

► PSP329 URBAN DRAINAGE FOR SURVEYORS

Define problems and identify, evaluate, select and apply drainage problem solving skills and techniques in the design and management of an urban subdivision. Revision of hydrostatics and flow concepts, rainfall and run-off concepts, urban and street drainage design. 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 **Semester:** 1

► PSP330 PROFESSIONAL PRACTICE MANAGEMENT 2

Apply principles involved in the running of a Surveying Practice such as project management, self-management and quality assurance. Contains - planning and organisation; business practices; human resource management; subordinate training; project management principles; self-management principles; quality assurance principles; project implementation.

Courses: PS68 **Prerequisites:** PSP311
Contact hours: 42 **Credit points:** 12
Campus: GP **Semester:** 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.

Courses: BN73, PS69, DB73, DB69
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 2

► PSP452 URBAN DESIGN STUDIO A

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/global contexts. Methods of urban design guidance, development briefing and control, through regulations and incentives. The development of skills in urban analysis related to the urban design process and effective communication of the results. Where applicable, the unit will incorporate field work, work in other units of the course, and joint/complementary projects with other courses in the Faculty.

Courses: BN73, PS69, DB73, DB69
Contact hours: 6 per week **Credit points:** 24
Campus: GP **Semester:** 2

► PSP453 URBAN SYSTEMS AND THE PHYSICAL ENVIRONMENT

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. Commu-

nity services relevant to health, safety and welfare Urban design issues relating to pollution, congestion and mobility. This unit will draw, 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 **Semester:** 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 will 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, and Special Topic.

Courses: BN73, PS70, PS72
Contact hours: 3 per week **Credit points:** 12
Campus: GP **Semester:** 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 as well as the functions of health service managers.

Courses: HL46, IF47, PU40, PU43, NS45
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► PUB105 INTRODUCTION TO FAMILY STUDIES

This is an introduction to the social sciences (Sociology, Psychology and Anthropology), which underpin 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 **Semester:** 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 will outline what environmental health is and describe 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 **Semester:** 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 **Semester:** 1

► PUB112 WORKPLACE HEALTH AND SAFETY

Introduces students to the basic concepts and theoretical framework of occupational health and safety such that they can identify health and safety problems in the workplace; be aware of strategies for dealing with such problems; and become familiar with the legislation, government agencies and health personnel associated with the working environment. Topics covered will include the physical, chemical and biological environments, and ergonomics. The students will also develop knowledge and skills associated with the actual measurement of the physical and chemical working environment and evaluation of the data collected.

Courses: PU40
Contact hours: 4 per week **Credit points:** 12
Campus: EXT **Semester:** 1, 2

► PUB113 DESIGN & 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 **Semester:** 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 will assist you 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 **Semester:** 1

► PUB201 FOOD AND NUTRITION

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 **Semester:** 2

► PUB203 PRIMARY HEALTH CARE

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 will be examined.

Courses: ED50, NA80, PU40
Contact hours: 3 per week **Credit points:** 12
Campus: KG, EXT **Semester:** 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 will introduce 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 **Semester:** 2

► PUB220 MEDICAL TERMINOLOGY

Exploration of the language of medicine; 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 **Semester:** 1

► PUB251 CONTEMPORARY PUBLIC HEALTH

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, intersectoral 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. Deals with groups with special needs and contemporary issues.

Courses: ED50, ED90, HL42, HL43, HL46, IF47, IF85, IF87, NA80, NS45, PU40, PU43, BORalHth

Contact hours: 4 per week **Credit points:** 12
Campus: KG, EXT **Semester:** 1, 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
Campus: KG **Semester:** 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 **Semester:** 2

► PUB321 TEXTILE STUDIES

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 **Semester:** 2

► PUB322 HOME ECONOMICS CURRICULUM STUDIES 2

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-

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velopment. Advanced teaching strategies and current assessment procedures are developed.

Courses: ED50 **Prerequisites:** PUB312
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 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

► 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 **Semester:** 1

► PUB336 WOMEN'S HEALTH

Exploration of data and current health issues related to women's health; 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 **Semester:** 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 will be required to apply previous background knowledge, ie advanced anatomy, biochemistry, etc, in the clinical setting. Student will also be 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 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 **Semester:** 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 **Semester:** 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
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► PUB349 FAMILIES AND HOUSEHOLDS

This unit involves examination of the family and households in Australia and internationally. Perspectives considered include: structural functionalist, symbolic interactional, conflict and feminist.

Courses: ED50 **Prerequisites:** PUB105
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► PUB354 OCCUPATIONAL HEALTH

Exploration of chemical hazards in the working environment, epidemiological principles and practice, and identification of special risk groups in the workforce. Topics include: the pathological bases of disease in humans; chronic occupational disease; 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: PU40 **Prerequisites:** LSB142
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 2

► PUB356 CLINICAL CLASSIFICATION

This unit introduces the development of skills in one of the major specialities 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 **Semester:** 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 **Semester:** 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 aims to provide an overview of the history and development of casemix classification systems; 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 casemix initiatives and applications.

Courses: IF87, IF85, NS45, PU40
Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1

► 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) will provide exposure to a broad range of applications supported by health information services.

Courses: PU40, IF85
Prerequisites: 96 credit points completed
Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► PUB400 ENVIRONMENTAL PROTECTION

Provide and overview of the causes, effects, control measures, standards, legislation and management strategies relating to environmental pollution and environmental protection; waste management and contaminated land.

Courses: IF87, PU40 **Prerequisites:** PUB107
Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 2

► 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 **Semester:** 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 will undertake a small health promotion project in groups of 3-4 students. This is an essential field of study for those 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 **Semester:** 2

► PUB407 ENVIRONMENTAL POLLUTION

To provide an understanding of the causes and assessment of, and control measures for, air, noise and water pollution. This will include an overview of the legislative and policy framework that underpins the management of these types of pollutants.

Courses: IF87, PU40 **Corequisites:** PUB400
Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 2

► PUB408 PHYSICAL ERGONOMICS

Ergonomics is the scientific discipline concerned with the fundamental understanding of interactions among humans and other elements of a system and the application of appropriate methods theory and data to improve human well-being and overall system performance. Derived from the Greek ergon (work) and nomos (laws) to denote the science of work ergonomics is a systems-orientated discipline which now extends across all aspects of human activity. Ergonomics promotes a holistic approach in which considerations of physical social organisational environmental and other relevant factors are taken into account. Knowledge of current methods and techniques commonly used in ergonomics is essential for the occupational health and safety professional.

Courses: PU40 **Prerequisites:** LSB142
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 2

UNIT SYNOPSES

► **PUB409 COMMUNICABLE DISEASE: PREVENTION AND CONTROL**

Public health practice was grounded in the study and prevention of communicable diseases. Despite the widening scope of public health practice, reducing the incidence of current and emerging communicable diseases (nationally and internationally) remains one of the greatest challenges to public health practitioners. This unit will provide an overview of communicable diseases and discuss current surveillance, control and prevention methods/strategies implemented by public health agencies. Topics include disease investigation and outbreak management, vector control, immunisation and infection control.

Courses: IF87, PU40

Prerequisites: PUB314 or PUB326

Corequisites: LSB415

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 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/PUB326

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **PUB418 HEALTH COMPUTER SYSTEMS**

Knowledge and an understanding of the issues surrounding health informatics is an important area of study. This unit aims to bridge the communication gap between the health care professional and computer specialists when negotiating the requirements of an information system. This unit is designed to prepare you for involvement in the many aspects of information systems you may encounter in the health care industry. These aspects include the planning, specification, development, implementation, control and management of such systems. Confidentiality, security and data integrity implications of automation will also be explored.

Courses: IF47, NS45, PU40

Prerequisites: BSB112 or PUB118

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **PUB437 PHARMACOLOGY**

Designed to ensure students understand basic drug therapies their patients may be using, the groups of drugs used for specific diseases, 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 **Semester:** 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

Semester: 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

Semester: 2

► **PUB456 CLINICAL CLASSIFICATION 2**

Students will learn to abstract and interpret the information recorded in client/patient medical records and develop an understanding of the clinician's response to various disease processes and how this information presents in the medical record. A significant component of the unit will involve coding from hospital medical records. Students will become proficient in the art of clinical classification using ICD-10-AM.

Courses: IF85, PU40 **Prerequisites:** PUB356

Contact hours: 4 per week **Credit points:** 12

Campus: KG

Semester: 1

► **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 wide 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

Semester: 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 its 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

Semester: 1

► **PUB480 HEALTH ADMINISTRATION FINANCE**

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

Semester: 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 will be 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; and confidentiality and record keeping.

Courses: PU40 Emergency Health Services

Major Only.

Prerequisites: PUB112

Credit points: 12

Campus: EXT

Semester: 2

► **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 (incl. 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

Contact hours: 3 per week **Credit points:** 12

Incompatible with: PUB599

Campus: KG

Semester: 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 will 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

Semester: 2

► **PUB506 FOODSERVICE MANAGEMENT**

Organisation and planning in the 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

Semester: 1

► **PUB509 NUTRITION**

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; nutrition problems within Australia examination of the evidence; 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

Semester: 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 student's 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 will be discussed. Specific environmental health roles under the Health Act and other public health legislation will be discussed at length.

Courses: IF87, PU40

Prerequisites: PUB308, PUB409

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **PUB511 HEALTH POLICY, PLANNING AND EVALUATION**

This unit provides advanced undergraduate students with an opportunity to develop firstly, an understanding of the concepts of health policy, planning and evaluation. Secondly, a capacity for analysis using both theoretical and practical examination of current health-related policies, plans and evaluations. Thirdly, 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 **Credit points:** 12
Campus: KG, EXT **Semester:** 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: 3 per week **Credit points:** 12
Incompatible with: NSN625 (for PG students)
Campus: KG, EXT **Semester:** 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 will include: 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 **Semester:** 1

► **PUB521 HEALTH SAFETY & 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 will enable 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 **Semester:** 1

► **PUB522 PODIATRIC ANAESTHESIOLOGY**

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 **Semester:** 1

► **PUB524 PODIATRIC MEDICINE 3**

Develops professional understanding of the general and specific effects of medical and surgical conditions on the human foot. 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 podiatrists role in the health care team across the spectrum of practice.

Courses: PU43

Prerequisites: PUB424 **Corequisites:** PUB523

Contact hours: 16 (including clinical work)

Credit points: 12

Campus: KG

Semester: 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 will also enable 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

► **PUB538 PHYSICAL MEDICINE**

Introduction to 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

► **PUB539 PODIATRIC MEDICINE 3**

Develops professional understanding of the general and specific effects of medical and surgical conditions on the human foot. 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 podiatrists role in the health care team across the spectrum of practice.

Courses: HL43, PU43

Prerequisites: PUB437, PUB438, PUB439

Corequisites: PUB537 **Credit points:** 12

Incompatible with: PUB524

► **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 **Semester:** 1

► **PUB553 PROFESSIONAL EXPERIENCE**

This unit is designed to extend the student's knowledge and level of understanding of health information management in health care facilities through direct observation and participation. Working in a health care facility provides an opportunity to apply theory to practice, and gives the student a greater understanding of the constraints which exist in implementing new approaches to health information management. Emphasis is placed on the managerial role of the health information services with medical, administrative and allied health professionals. Students will reinforce their clinical classification skills by coding from medical records.

Courses: IF85, PU40

Prerequisites: 16 units in health information management major or equivalent, including PUB456

Contact hours: 2 per week **Credit points:** 12
Campus: KG **Semester:** 2

► **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. Second, it allows a recognition and focus on particular health concerns that might not be considered significant in an examination of broad patterns of health. Thirdly, 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 **Prerequisites:** PUB251

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► **PUB558 MEDICAL DOCUMENTATION & 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 will integrate knowledge of anatomy, physiology, disease processes and medical procedures with an understanding of the process clinician's use to diagnose and treat common and specialised conditions. Students will enhance their knowledge of clinical classification by the practical use of ICD-10-AM. (Not offered until 2005).

Courses: PU40

Prerequisites: PUB356

Credit points: 12 **Incompatible with:** PUB456

► **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 will become familiar with the process of summarising and describing data, defining and testing hypotheses, univariate methods and tests of bivariate associations, the concept of adjustment and the interpretation and presentation of analytical results.

Courses: PU40, PU43

Prerequisites: PUB416 (except NUD)

Contact hours: 3 per week **Credit points:** 12
Campus: KG

► **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 will examine the historic context of the international health movement from the early 1900's 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 SYNOPSES

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

► PUB599 HEALTH INFORMATION MANAGEMENT 3

This unit introduces students to the concepts and processes of quality management in health and development of health related policy and procedures. Students examine and review health information systems outside acute care hospitals, and explore alternative clinical classification and health record systems.

Courses: IF85, PU40

Prerequisites: PUB298, successful completion of practical component

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 1

► PUB604 POLICY AND MANAGEMENT PRINCIPLES FOR ENVIRONMENTAL HEALTH

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 **Semester:** 2

► PUB606 DIETETIC MANAGEMENT

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 **Semester:** 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

Prerequisites: PUB203 **Corequisites:** PUB203

Contact hours: 2 per week **Credit points:** 2
Campus: EXT **Semester:** 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 **Semester:** 2

► PUB611 RISK MANAGEMENT

Provides students with the knowledge and skills for the assessment and quantification of risk in the workplace. It will investigate the various models available to investigate and analyse acci-

dents and propose strategies to prevent similar incidents in the future. Various hazard identification techniques such as HAZOP, Fault Tree Analysis and FMEA will be discussed. The subject will provide students with the ability to position occupational health and safety within an organisation's strategic decision making process. Assessment will involve 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 **Semester:** 2

► PUB616 HEALTH, SAFETY & ENVIRONMENTAL PRACTICE 2

This unit will build 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 will be the utilisation of auditing as an occupational health and safety management tool. Students will be required to attend lectures, practical sessions in the workplace and field trips. Students will 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

Contact hours: 3 per week **Credit points:** 12

Campus: KG **Semester:** 2

► PUB619 HEALTH INFORMATION MANAGEMENT 4

This unit examines the role and function of the health information manager in the management of health care services; the principles and processes of management as applied to health information services; current issues in health information management and professional skills will be enhanced. Coding skills will be refined and enhanced using hospital patient records.

Courses: IF85, PU40

Prerequisites: PUB456, PUB599

Contact hours: 3 per week **Credit points:** 12

Campus: KG **Semester:** 2

► PUB624 PODIATRIC MEDICINE 4

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. Introduction to specialist clinics in the podiatry facility and 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: PU43

Prerequisites: PUB524 **Corequisites:** PUB635

Contact hours: 16 (clinical work)

Credit points: 12

Campus: KG **Semester:** 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 **Semester:** 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. Includes discussion of professional ethics, multicultural issues, and industrial relations at job application processes.

Courses: IF87, PU40

Prerequisites: PUB510, PUB517

Corequisites: PUB604

Contact hours: 3 per week **Credit points:** 12

Campus: KG **Semester:** 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 practice 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 **Semester:** 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 will integrate 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 you for involvement in the many aspects of information systems you 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

► PUB635 PODIATRIC SURGERY

Implementation of podiatric surgical techniques based on strong theoretical knowledge. On completion, students should understand the principles and techniques of lower limb surgery. Students will be taught minor surgical techniques as well as reviewing some of the more common major surgical procedures including the foot and ankle.

Courses: HL43, PU43

Prerequisites: PUB438, PUB522, PUB539, PUB639

Corequisites: PUB639

Contact hours: 3 (including surgical work)

Credit points: 12

Campus: KG **Semester:** 2

► PUB636 OCCUPATIONAL HYGIENE

Occupational hygiene 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 hygiene spans a number of disciplines including toxicology science engineering and statistics. The student will need to develop strong investigative and analytical abilities and professional judgment. Students will 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: PU40

Prerequisites: PCB242, PCB404

Contact hours: 5 per week **Credit points:** 12

Campus: KG **Semester:** 2

► PUB637 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 will also enable the student to utilise radiology as an important diagnostic tool in foot pathology.

Courses: PU43

Prerequisites: PUB523

Contact hours: 3 per week **Credit points:** 12

Campus: KG **Semester:** 2

UNIT SYNOPSES

► PUB638 ORTHOPAEDICS & SPORTS MEDICINE

This unit will provide 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.

Courses: HL43, PU43
Prerequisites: PUB537, PUB538
Corequisites: PUB635, PUB639
Credit points: 12
Incompatible with: PUB726, PUB827
Campus: KG

► PUB639 PODIATRIC MEDICINE 4

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. Introduction to specialist clinics in the podiatry facility and 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

► 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

► 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: KG, EXT
Semester: 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 will have a strong focus on professional issues and current trends in HIM practice. It will examine the roles and functions of the health information manager in the management of health care services in the current health environment. Class activities will concentrate on the principles and processes of management as applied to health information services. A problem based learning approach will be 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

► PUB695 INDUSTRIAL TRAINING EXPERIENCE

Ten to twelve months placement in paid employment related to Occupational Health and Safety under the joint supervision of an industry supervisor and an academic adviser. The academic adviser obtains reports from the student

and their work supervisor at regular intervals. The student is required to complete a progressive assessment program. Results are determined on the basis of reports, continuous assessment and the employers report.

Courses: PU40
Prerequisites: Completion of years 1 and 2 of the PU40, GPA of 4.5 or above
Credit points: 24
Campus: EXT
Semester: 1, 2

► 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
Semester: 1

► PUB726 ORTHOPAEDICS

Orthopaedics develops a detailed knowledge of general and specific orthopaedic conditions, with emphasis on the lower limb. Surgical treatment of conditions seen by the Podiatrist provides an understanding of the special problems associated with the lower limb.

Courses: PU43
Prerequisites: PUB624, PUB635, PUB637,
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

► PUB727 PHYSICAL MEDICINE

Introduction to 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: PU43
Prerequisites: PUB624
Contact hours: 3 per week
Credit points: 12
Campus: KG
Semester: 1

► PUB728 CLINICAL MEDICINE 1

Students are expected to integrate knowledge and skills obtained from the specialist podiatry clinics at the University facility. They will undertake a leadership role with third year students by way of a mentor system in the specialist clinics. Students are expected to implement a range of complex treatments and a high level of patient care. Treatment for special needs groups is undertaken ie children and adults with severe intellectual and physical disabilities, high risk patients with diabetes mellitus and peripheral vascular disease, immuno-suppressed patients. Students are introduced to advanced clinical care of paediatric foot disorders.

Courses: PU43
Prerequisites: PUB624
Corequisites: PUB729
Contact hours: 6 per week
Credit points: 12
Campus: KG
Semester: 1

► PUB729 PROFESSIONAL INTERNSHIP 1

Students will undertake a placement through relevant podiatry departments to gain important experience in the management of complex problems which manifest in the lower extremity. Most importantly, students will observe and develop critical problem solving skills in the broader environment of private practice, hospitals and community health. This experience will also consolidate the multi-disciplinary nature of health care delivery and educate the student on the various roles of other health care providers. This will lead to more judicious approach to implementing effective health care. Experience gained from the internship will be applied by the student in the specialist clinical environment during the four years of the program.

Courses: PU43
Prerequisites: PUB624
Corequisites: PUB728
Contact hours: 12 (includes clinic work)
Credit points: 12
Campus: KG
Semester: 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 will be 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

► PUB738 ADVANCED CLINICAL STUDIES 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 will be 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

► PUB739 PODIATRIC MEDICINE 5

The aim of this unit is to provide you with the diagnostic and treatment skills necessary to manage patients with more complex conditions, introduce contemporary issues in podiatry including national and international issues, and to encourage you to critically evaluate the medical literature to inform your clinical decisions.

Courses: HL43, PU43
Prerequisites: PUB537, PUB538, PUB635, PUB638, PUB639
Corequisites: PUB738
Credit points: 12
Campus: KG

► PUB821-1 PRACTICE IN COMMUNITY NUTRITION

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; 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
Semester: 1, 2

► PUB821-2 PRACTICE IN COMMUNITY NUTRITION

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; provision of a nutrition education session to a community group and a practical examination at the end of the Semester.

Courses: HL42, PU43
Prerequisites: PUB821-1
Credit points: 6
Campus: KG
Semester: 2

► PUB822-1 PRACTICE IN FOOD SERVICE MANAGEMENT

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
Semester: 1, 2

► PUB822-2 PRACTICE IN FOOD SERVICE MANAGEMENT

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: PU43, HL42
Prerequisites: PUB822-1
Credit points: 6
Campus: KG
Semester: 2

UNIT SYNOPSES

► PUB826 PROJECT AND PROFESSIONAL MANAGEMENT

Explains two key concepts. Firstly, 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 explained. Secondly, it develops an interest in podiatry research using scientific methods of investigation and presentation. Students are encouraged to publish these projects as original material in related professional journals.

Courses: HL43, PU43

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► PUB827 SPORTS MEDICINE

Emphasis is given to the importance of a multidisciplinary approach to the diagnosis, evaluation and treatment of sports injuries. Students study the symptomology of lower limb pathologies as related to specific sports and devise treatment programs. An understanding of the principles of human fitness and potential in relation to athletic injuries forms the foundation for further studies.

Courses: PU43

Prerequisites: PUB523, PUB624

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► PUB828 CLINICAL MEDICINE 2

Students will be expected to further integrate and apply additional knowledge obtained from the final clinical rotation to the needs of specialist patients who attend the university podiatry clinic. In particular, elements of pre-, post- and intra-operative surgical considerations will be utilised. A specialist paediatric clinic will provide the student with specialist skills in the treatment of developmental disorders and conditions.

Courses: PU43

Prerequisites: PUB728 **Corequisites:** PUB829

Contact hours: 6 per week **Credit points:** 12
Campus: KG **Semester:** 2

► PUB829 PROFESSIONAL INTERNSHIP 2

Students undertake a placement in relevant podiatry departments to gain important experience in the management of complex problems, which manifest in the lower extremity. Students will observe and develop critical problem solving skills in the broader environment of private practice, hospitals and community health. This experience consolidates the multi-disciplinary nature of health care delivery and educates students on the roles of other health care providers. This leads to a more judicious approach to implementing effective health care. Experience gained is applied by the student in the specialist clinical environment during the four years of the program. Students may undertake placement for up to a three-week period.

Courses: PU43

Prerequisites: PUB729 **Corequisites:** PUB828

Contact hours: 12 (clinical work)

Credit points: 12

Campus: KG

Semester: 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 will be emphasised through external placements. You will complete clinical rotations not attempted in PUB738 Advanced Clinical Studies 1.

Courses: HL43, PU43

Prerequisites: PUB738, PUB739

Contact hours: 9 per week **Credit points:** 12

Incompatible with: PUB828

Campus: KG

► PUB839 PODIATRIC MEDICINE 6

The aim of this unit is to ensure you 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

► 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 opportu-

nity 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 **Semester:** 2

► PUN001 CONTEMPORARY RISK MANAGEMENT

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 which 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 **Semester:** 1

► PUN008 RISK ASSESSMENT

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 **Semester:** 1, 2

► PUN009 RISK TREATMENT

Critical and systematic methods of making decisions on appropriate risk treatment options are investigated. Options considered include risk avoidance, risk acceptance, risk reduction, consequence reduction, risk transfer and risk retention.

Courses: HL38, HL68, HL88, IF88, PU60,

PU85

Prerequisites: PUN008 **Credit points:** 12

Incompatible with: PUN010

Campus: EXT

Semester: 1

► 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 will investigate 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

Campus: KG

Semester: 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 will be 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

Semester: 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 will be provided with substantial practical experience in the application and interpretation of the most common statistical methods to health data, and will also be made aware of data management principles in preparation for analysis. There will be 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

Semester: 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

Semester: 1

► PUN301 HEALTH, SAFETY AND ENVIRONMENTAL LAW AND MANAGEMENT

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

Semester: 1

► 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 will 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

Semester: 1

► PUN601 CONTEMPORARY HEALTH POLICIES

Health systems and their structure and functioning are outcomes of health policy. Well informed and developed policy makes an important contribution to the health of the community. This unit critically evaluates the policy making process in health in Australia and globally. Topics include policy development, policy analysis and evaluation, the political and other influences on policy, health policy at the national and international level and the role of consumers.

Courses: HL38, HL68, HL88, HL90, PU38,

PU60, PU85

Contact hours: 6.5 x 2 days **Credit points:** 12

Campus: KG, EXT

Semester: 2

UNIT SYNOPSES

► PUN602 HEALTH PLANNING, MANAGEMENT AND EVALUATION

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. When examining the effects of organisational structures and change on individual and group performance in the workplace, the content draws on individual and group performance in the workplace.

Courses: HL38, HL68, HL88, HL90, PU60, PU85

Contact hours: 3 per week **Credit points:** 12

Incompatible with: PUB511 or PUB529

Campus: KG, EXT **Semester:** 1

► 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; PU38: PUN610

Contact hours: 3 per week **Credit points:** 12

Incompatible with: PUB433

Campus: KG, EXT **Semester:** 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 **Semester:** 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 **Semester:** 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

Contact hours: 3 per week **Credit points:** 12

Campus: KG, EXT **Semester:** 2

► PUN617 ENVIRONMENTAL HEALTH MANAGEMENT

This unit considers environmental health management as an important component in resolving health hazards in the community. Topics include: the history of environmental health and its approaches to prevention, environmental health research, environmental health risk assessment and management, the role of environmental health practitioners and an overview of contemporary environmental health management issues and emerging policies.

Courses: HL38, HL68, HL88, HL90, PU32, PU60, PU85

Contact hours: 3 per week **Credit points:** 12

Campus: EXT **Semester:** 2

► PUN620 CONCEPTS OF ENVIRONMENTAL HEALTH

Environmental Health professionals need to understand the inextricable link between human health and environmental problems. They must also understand the types of strategies available to control and minimise the risks associated with environmental health problems. This unit will examine some basic principles and concepts of environmental health including sustainable development and environmental health promotion. It will apply these principles to areas such as air pollution, transport, green consumerism, ecotourism and relevant environmental health issues occurring at that time. The Unit will also discuss future threats to public health such as long term climate change and population growth.

Courses: HL38, HL68, HL88, PU32, PU60, PU85

Contact hours: 3 per week **Credit points:** 12

Campus: KG **Semester:** 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 **Semester:** 1

► PUN702 SOCIAL AND BEHAVIOURAL DETERMINANTS OF HEALTH

This unit deals with the body of knowledge applicable to public health provided by the disciplines of social and behavioural science. Social determinants of health are seen as key factors impacting on living and working conditions conducive to health. The unit will offer a comprehensive analysis of lifestyles and living conditions conducive to health.

Courses: PU30, PU60, PU85

Contact hours: 3 per week **Credit points:** 12

Campus: EXT **Semester:** 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, issues of major public health importance both within Australia and overseas, and provides students with the

essential skills for logical, scientific assessment of the health and medical literature.

Courses: PU30, PU60, PU85

Contact hours: 3 per week **Credit points:** 12

Campus: EXT **Semester:** 1

► PUP032 INTERVENTION DESIGN AND THEORIES OF CHANGE

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 **Semester:** 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 will 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 will 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 **Semester:** 2

► PUP035 HEALTH PROMOTION STRATEGIES AND EVALUATION

Health promotion practitioners are likely to be engaged in the development, implementation and evaluation of health promotion programs to meet the needs of a diverse range of population groups. This unit covers issues related to health promotion planning, implementation and evaluation. This includes needs assessment, program planning and planning models, development of program goals and objectives, selection of health promotion strategies, program implementation and management, and program evaluation. Health promotion strategies that are appropriate for particular target groups, individuals, organisations, communities and specific population groups will be discussed. There is also a focus on the development of methods for useful and effective evaluation.

Courses: HL38, HL68, HL88, HL90, PU39, PU60, PU85

Contact hours: 3 per week **Credit points:** 12

Incompatible with: PUP018 or PUP012

Campus: KG, EXT **Semester:** 2

► PUP036 CONCEPTS AND SETTINGS FOR HEALTH PROMOTION

This is an introductory unit in the field of health promotion. The first part of the unit covers definitions and concepts in health and health promotion as well as the major national and international health promotion policy documents. The second part of the unit examines the settings approach to health promotion and investigates useful and effective interventions in school, workplace, community, health care and other settings.

Courses: HL38, HL68, HL88, PU39, PU60, PU85

Contact hours: 3 per week **Credit points:** 12

Campus: KG, EXT **Semester:** 1

► PUP116 ERGONOMICS

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 pro-

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esses 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; psychology.

Courses: HL38, HL68, HL88, PU60, PU65, PU85

Prerequisites: PUN301

Contact hours: 3 per week **Credit points:** 12
Campus: KG **Semester:** 2

► 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 science engineering and statistics. The student will need to develop strong investigative and analytical abilities and professional judgment. Students will 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 **Semester:** 2

► PUP415 OCCUPATIONAL AND ENVIRONMENTAL HEALTH

Explores chemical hazards in the working environment, epidemiological principles and practice, and identification of special risk groups in the workforce. Topics include: 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 prereq is either PUN301 or PUN620)

Contact hours: 3 per week **Credit points:** 12
Campus: KG, EXT **Semester:** 1, 2

► PUR200 EMERGING ISSUES IN PUBLIC HEALTH

The field of Public Health is evolving rapidly with respect to the nature of the problems it must address, the methods it uses to understand and to influence population health, and the underlying philosophies that inform the field. As a consequence, it is important that all doctoral candidates develop an appreciation for new directions in Public Health to complement their solid foundations in more traditional practices.

Courses: HL90

Prerequisites: 72 credit points at advanced Masters/Doctoral level

Contact hours: 2 per week **Credit points:** 12
Campus: KG **Semester:** 2

► PUR201 ADVANCED PROFESSIONAL STUDIES

This unit is suitable for health science practitioners wishing to extend their studies to advanced post graduate level, in an area of interest particular to the individual student. There is a need to be able to develop advanced practitioner skills, to develop interdisciplinary approaches and to consolidate advanced skills in terms of health care delivery. This unit is designed to allow small groups of doctoral students to develop advanced skills in their chosen field, with the help and guidance of an academic mentor and to develop appreciation for these skills in other related disciplines.

Courses: HL90

Prerequisites: 72 credit points at advanced Masters/Doctoral level

Credit points: 12

Campus: KG

Semester: 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 **Semester:** 1, 2

► 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: PYB052, PYB086

Campus: GP, KG, CA **Semester:** 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.

Contact hours: 3 per week **Credit points:** 12
Incompatible with: PYB071, PYB073

Campus: CA, KG and GP **Semester:** 1, 2

► PYB054 PSYCHOLOGY AND GENDER

What is gender?; 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 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

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 1

► PYB057 APPLIED COGNITIVE PSYCHOLOGY

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 **Semester:** 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 will critically examine definitions of 'healthy' or 'morally acceptable' or 'normal' sexuality. Different models of sexuality are considered with an emphasis on contemporary cri-

tiques of the traditional paradigms of sexuality in the West.

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 1

► PYB073 INTRODUCTION TO BEHAVIOURAL SCIENCES AND HEALTH CARE

An understanding of the behavioural sciences underlies 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
Campus: KG **Semester:** 1

► PYB086 INTERPERSONAL AND GROUP PROCESSES

People in many professions and in their own personal relationships need developed interpersonal skills and an ability to observe and conceptualise interactive processes. This applies to interpersonal relationships and small group settings, groups being a common structure for learning, working and socialising. Knowledge of relevant microskills is essential for those preparing to teach relationship skills so that students will be able to design skill development programs in educational settings in the future. This applies to the important area of human sexuality where personal comfort for teachers is especially necessary in discussion of biological, social and psychological aspects of sexual elements in relationships.

Contact hours: 3 per week **Credit points:** 12
Incompatible with: PYB007

Campus: KG **Semester:** 2

► 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 **Semester:** 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 **Semester:** 2

► PYB110 PSYCHOLOGICAL RESEARCH METHODS

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 **Semester:** 1, 2

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► 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 will compare and contrast current trends and patterns of substance use in Australia and critically examine the legitimacy of this focus. Australian substance use/abuse patterns will be positioned within a global context.

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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; and the effects of substance abuse, physiologically, socially and psychologically.

Prerequisites: 96 credit points

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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 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 **Semester:** 2

► PYB203 DEVELOPMENTAL PSYCHOLOGY

An introduction to life span developmental psychology. This unit 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 on the importance of the physical, family, socio-cultural and historical contexts within which development occurs. The unit aims to develop 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: PYB101 or PYB102

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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 will be studied.

Courses: PY45

Prerequisites: PYB012 or PYB101 or PYB102

Contact hours: 3 per week **Credit points:** 12
Campus: GP, CA **Semester:** 1, 2

► 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 will be given to the methods of studying and conducting research in personality. By studying normal personality processes, this unit provides a foundation for advanced studies in psychopathology.

Courses: PY45, PY07

Prerequisites: PYB101 PYB012 or PYB102

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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 PYB052

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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, selection of the appropriate statistics to test the predictions, calculation and interpretation of 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 relationship between sets of scores.

Courses: PY45, PY07

Prerequisites: PYB110

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 1

► PYB215 FORENSIC PSYCHOLOGY AND THE LAW

Forensic Psychology is readily acknowledged as one of the fastest growing areas of psychology in the world. The domain of 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, you 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

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 2

► PYB257 GROUP WORK

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, PYB052 or equivalent

Contact hours: 1 week intensive

Credit points: 12

Campus: CA

Semester: 2

► PYB258 INTRODUCTION TO THEORY AND RESEARCH IN HYPNOSIS

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 on: 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 **Semester:** 1

► PYB260 PSYCHOPHARMACOLOGY OF ADDICTIVE BEHAVIOUR

This unit will develop 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 will address the history and origin of the more commonly used addictive substances, routes of administration, patterns of distribution and excretion, neuropharmacology, and effects of acute and chronic administration. Substances covered will include those that are most widely associated with problems of dependence and addiction.

Courses: PY07

Prerequisites: PYB158 or PYB159

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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, as well as using this knowledge to promote the effective organisation of human resources.

Courses: PY45, PY07

Prerequisites: PYB205, PYB110

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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 2nd or 3rd year Psychology units

Contact hours: 3 per week **Credit points:** 12

Incompatible with: PYB057

Campus: CA

Semester: 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 will be covered, namely neuroanatomy, neuropathology, and the cognitive analysis of resulting deficits. Students will learn about major neuroanatomical structures and their interconnections, with an emphasis on how this information is applied in the clinical setting. They will 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

Prerequisites: PYB101, PYB102

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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

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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 will study 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 **Semester:** 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 **Semester:** 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; and chronic and terminal illness in childhood and adulthood.

Courses: PY45

Prerequisites: PYB012 or PYB101 or PYB102 and 48 credit points second year (psychology or non-psychology) units

Credit points: 12

Campus: CA **Semester:** 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 will be 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 2nd or 3rd year psychology units

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 2

► PYB342 INDEPENDENT STUDY

This unit can only be undertaken with prior approval from the Head of School. Approval will only be given when all other options have been exhausted. It involves a guided set of readings and study in an approved area. Assessment will be negotiated with the relevant supervisor.

Courses: PY45, PY07

Prerequisites: 36 credit points of 2nd and 3rd year psychology units.

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 1, 2

► PYB350 ADVANCED STATISTICAL ANALYSIS

The unit provides students considering further study in psychology with a thorough grounding in analysis of variance techniques and an introduction to multiple regression: 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 **Semester:** 2

► PYB353 OCCUPATIONAL AND VOCATIONAL PSYCHOLOGY

Psychological research underpins 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 2nd or 3rd year psychology units

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 2

► 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 exploitive practices.

Courses: PY45

Prerequisites: PYB208

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 1

► PYB358 ADVANCED DEVELOPMENTAL PSYCHOLOGY

In this unit the focus is on child development, with an emphasis on the infant and child up to adolescence. Students will review images of children and the unfolding of their cognitive abilities within the cadre of theories of cognitive development. Among the areas that will be 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 will be concerned with the acquisition (both normal and atypical) of language, including also the acquisition of language in the bilingual child.

Courses: PY45, PY07

Prerequisites: 36 credit points of 2nd level psychology units including PYB051 or PYB203 as one of the units

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 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 **Semester:** 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 will 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 will also be 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:** PYB260

Contact hours: 3 per week **Credit points:** 12

Incompatible with: PYB460

Campus: CA **Semester:** 2

► PYB371 INTRODUCTION TO ROAD SAFETY

This unit will introduce the key principles and practices in road safety. Special emphasis will be given to the broad context of road use/transport in society and the economic and social implications of road crashes. It will introduce 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 **Semester:** 1

► PYB372 TRAFFIC PSYCHOLOGY AND BEHAVIOUR

This unit will review 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 will consider all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. The student will examine 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 **Semester:** 1

► PYB374 APPLYING TRAFFIC PSYCHOLOGY

This unit will review the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches will be 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

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 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 fourth edition format. Assessment of the thesis will be in accordance with University assessment procedures.

Courses: PY09

Credit points: 12

Campus: CA **Semester:** 1, 2

► PYB400-2 THESIS (PART 2)

Courses: PY09

Credit points: 12

Campus: CA **Semester:** 1, 2

► PYB400-3 THESIS (PART 3)

Courses: PY09

Credit points: 12

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Campus: CA **Semester:** 1, 2

► **PYB400-4 THESIS (PART 4)**

Courses: PY09 **Credit points:** 12
Campus: CA **Semester:** 1, 2

► **PYB401 ADVANCED RESEARCH METHODS**

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

Prerequisites: PYB350 or equivalent

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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) The 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 **Semester:** 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 will be covered, neuroanatomy, neuropathology, and the cognitive analysis of resulting deficits. The student will 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 will also be examined in terms of their diagnosis, assessment and treatment, as well as the psychosocial effects such deficits have on the patients.

Courses: PY09

Prerequisites: PYB303, PYB304, PYB311

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 1

► **PYB404 ISSUES IN SOCIAL DEVELOPMENT 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

Prerequisites: 3 years of psychology and PYB203 or equivalent

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 1

► **PYB405 ADVANCED ORGANISATIONAL PSYCHOLOGY**

Students will explore the role of organisational psychologists as both internal and external consultants who are skilled psychological researchers. Special attention will be given to the interaction between organisation systems, community needs, and human beings in differing cultural, political and economic environments.

Courses: PY09

Prerequisites: PYB205, PYB302

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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 will cover current debates and controversies within psychology and students will be encouraged to formulate critical responses to these topics. Attention will also be given to the issue of ethics in psychological research and practice. A case-based approach to the

study of ethics will be 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

Prerequisites: PYB401

Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 2

► **PYB450-1 RESEARCH THESIS (PART 1)**

Research project, listed as three separate 12 credit point units. To be completed as a group empirical research project.

Courses: PY20

Credit points: 12

Campus: CA **Semester:** 1, 2

► **PYB450-2 RESEARCH THESIS (PART 2)**

Courses: PY20 **Credit points:** 12

Campus: CA **Semester:** 1, 2

► **PYB450-3 RESEARCH THESIS (PART 3)**

Courses: PY20 **Credit points:** 12

Campus: CA **Semester:** 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 both 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 **Semester:** 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 **Semester:** 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 of the differences between neurotic and psychotic behaviour, and of the need for appropriate referral, is highlighted.

Courses: PY12

Prerequisites: PYN000

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 2

► **PYN003 GROUP STUDIES**

The development of skills and approaches in organising and facilitating group work, in the context of personal support and therapeutic groups. 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 **Semester:** 1

► **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 student's exploration of their own family 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 your 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 **Semester:** 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, as well as the application of relevant methodologies over a range of applied research questions. Completion of the unit should increase the student's effectiveness in their work with clients, groups, or organisations.

Courses: PY12

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 1

► **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 **Semester:** 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: GP, KG, CA **Semester:** 1, 2

► **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.

Courses: PY12

Prerequisites: PYN005

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 1

► **PYN008-2 PROJECT (PART 2)**

Courses: PY12 **Prerequisites:** PYN005

Contact hours: 3 per week **Credit points:** 12

Campus: CA **Semester:** 2

► **PYN008-3 PROJECT (PART 3)**

Courses: PY12 **Prerequisites:** PYN005

UNIT SYNOPSES

- Contact hours:** 3 per week **Credit points:** 12
Campus: CA **Semester:** 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 will select studies in two modules. Areas from which selections can be made might include: 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:** PYN000
Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 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: PYN004 **Credit points:** 12
Campus: CA **Semester:** 2
- **PYN026 ADVANCED PSYCHOLOGICAL INTERVENTIONS I**
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 are discussed, as well as encouraging students to constructively criticise and utilise the ever-increasing literature in counselling psychology. The unit focuses on individual clients who have experienced major traumatic or developmental concerns.
Courses: PY17 **Prerequisites:** PYB402
Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 1
- **PYN027 ADVANCED 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: PY17
Prerequisites: PYB311 or equivalent
Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 1
- **PYN028 ADVANCED DEVELOPMENTAL 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: PY17
Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 1
- **PYN029 ADVANCED 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 which 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: PY17 **Prerequisites:** PYN026
- Contact hours:** 3 per week **Credit points:** 12
Campus: CA **Semester:** 2
- **PYN030 ETHICAL, LEGAL AND SUPERVISION ISSUES IN COUNSELLING PSYCHOLOGY**
Counselling 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: PY17 **Prerequisites:** PYN026
Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 2
- **PYN031-1 RESEARCH THESIS (PART 1)**
In completing the thesis, students will be expected to demonstrate competency in critical and analytic thought, on the one hand, and research-related skills, on the other, in a context that may make a contribution to the literature of Counselling Psychology. The unit will be divided into four 12 credit point sections which will be PYN031/1, PYN031/2, PYN031/3, PYN031/4.
Courses: PY17
Credit points: 12 **Semester:** 1
- **PYN031-2 RESEARCH THESIS (PART 2)**
Courses: PY17 **Semester:** 1
Credit points: 12
- **PYN031-3 RESEARCH THESIS (PART 3)**
Courses: PY17 **Semester:** 2
Credit points: 12
- **PYN031-4 RESEARCH THESIS (PART 4)**
Courses: PY17 **Semester:** 2
Credit points: 12
- **PYN033 UNDERSTANDING AND TREATING POST TRAUMATIC STRESS DISORDER**
The acceptance of Post Traumatic Stress Disorder (PTSD) as a diagnosis is indeed related to the effects of trauma in victims of Vietnam War. However, the pervasiveness of post traumatic stress disorder can be traced throughout human history. Currently the epidemiology, etiology diagnosis and treatment of PTSD is experiencing unprecedented interest by a whole range of therapeutic professions. This unit focuses upon the way counselling psychologists can be useful in the understanding and the treatment of trauma in general and PTSD in particular.
Courses: PY17
Prerequisites: PYN026 **Corequisites:** PYN029
Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 2
- **PYN035 SUPERVISED PRACTICUM 1**
This unit provides students with exposure to settings where counselling is the most frequently used therapeutic procedure. This unit will consist of supervised client contact of up to 250 hours.
Courses: PY17
Prerequisites: PYN030 **Credit points:** 12
Campus: CA **Semester:** 1, 2
- **PYN036 SUPERVISED PRACTICUM 2**
This unit is intended to expose students to further in-depth experience of counselling psychology by focusing on placements, continuing on from PYN035.
Courses: PY17
Prerequisites: PYN035 **Credit points:** 12
Campus: CA **Semester:** 1, 2
- **PYN037 SUPERVISED PRACTICUM 3**
This core unit of the Master of Counselling Psychology course is intended to expose students to further in-depth experience of counselling psychology by focusing on placements.
Courses: PY17
Prerequisites: PYN036 **Credit points:** 12
Campus: CA **Semester:** 1, 2
- **PYN038 SUPERVISED PRACTICUM 4**
This core unit of the Master of Counselling Psychology course is intended to expose students to further in-depth experience of counselling psychology by focusing on placements.
Courses: PY17
Prerequisites: PYN037 **Credit points:** 12
- Campus:** CA **Semester:** 1, 2
- **PYP307 CLINICAL CASE SUPERVISION (GROUP AND INDIVIDUAL)**
Develops effective and creative applications for the hypnotic techniques within the areas of clinical speciality of the students participating.
Courses: PY30, PY32
Contact hours: 2 per week **Credit points:** 12
Campus: CA **Semester:** 1
- **PYP401 INTRODUCTION TO ROAD SAFETY**
This unit will introduce the key principles and practices in road safety. Special emphasis will be given to the broad context of road use/transport in society and the economic and social implications of road crashes. It will introduce 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 **Credit points:** 12
Campus: CA **Semester:** 1
- **PYP402 TRAFFIC PSYCHOLOGY AND BEHAVIOUR**
This unit will review 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 will consider all types of road users, including motor vehicle drivers and passengers, motorcycle riders, cyclists and pedestrians. A range of theoretical models will be examined which have been used to explain the behaviour of road users.
Courses: PY40, PY41
Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 1
- **PYP404 APPLYING TRAFFIC PSYCHOLOGY**
This unit will review the various strategies and programs designed to modify road user behaviour. Effective and ineffective approaches will be 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 - Understanding Road User Behaviour.
Courses: PY40, PY41
Contact hours: 3 per week **Credit points:** 12
Campus: CA **Semester:** 2
- **PYP405 ROAD SAFETY EVALUATION MODELS**
This unit will introduce the models and methods used to evaluate behaviour change interventions. In particular, it will address 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 **Credit points:** 12
Campus: CA
- **PYP406 ROAD SAFETY THEORY TO PRACTICE**
This unit will be undertaken in the latter half of both the Graduate Certificate and Graduate Diploma courses and will draw 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 student will be 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 will be 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 **Semester:** 1, 2
- **PYP407 INDEPENDENT STUDY**
This unit will enable students to undertake an independent study based in their places of work. Individual supervision and objective feedback on the experience will be an important component of the learning experience.
Courses: PY41 **Prerequisites:** PYP401

UNIT SYNOPSES

Contact hours: Weekly contact with Supervisor
Credit points: 12

Campus: CA **Semester:** 1, 2

► **QCD110 COMMUNICATION FOR BUSINESS 1**

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; helps students learn techniques for writing successfully in genres appropriate to their field of study.

Courses: BS40, IF06, QC03

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCD120 COMMUNICATION FOR INFORMATION TECHNOLOGY 1**

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; helps students learn techniques for writing successfully in genres appropriate to their field of study.

Courses: IT10, QC03

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCD210 COMMUNICATION FOR BUSINESS 2**

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, QC03

Prerequisites: QCD110 or IELTS 6.5 or approved equivalent

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCD220 COMMUNICATION FOR INFORMATION TECHNOLOGY 2**

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, QC03

Prerequisites: QCD120 or IELTS 6.5 or approved equivalent.

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 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 **Semester:** 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

Contact hours: 25 per week **Credit points:** 48
Campus: KG **Semester:** 1, 2, 3

► **QCE004 ENGLISH FOR ACADEMIC PURPOSES FOR QUTIC 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

Contact hours: 25 per week **Credit points:** 48
Campus: KG **Semester:** 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

Contact hours: 25 hours **Credit points:** 8
Campus: KG **Semester:** 1, 2, 3

► **QCF111 TERTIARY PREPARATION STUDIES 1**

Introduces students to the study and learning skills required in an Australian university while gaining an understanding of the Australian culture and society; 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

Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCF112 COMMUNICATION 1**

Designed to help students communicate successfully in a variety of situations; 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

Contact hours: 6 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCF120 ACCOUNTING 1**

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: QC01, QC02

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCF121 ECONOMICS 1**

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: QC01, QC02

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCF122 ORGANISATIONS AND MANAGEMENT**

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

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCF153 PHYSICAL SCIENCES 1**

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: QC01, QC02

Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCF156 MATHEMATICS A1**

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: QC01, QC02

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCF157 MATHEMATICS B1**

Focuses on basis algebra; equations (including simultaneous equations); functions (including polynomials, exponential, logarithmic); growth and decay; introduction to trigonometry; factorisation; analytical geometry; averages; interpretation of graphs and probability.

Courses: QC01, QC02

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCF210 APPLIED PSYCHOLOGY**

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

Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCF211 TERTIARY PREPARATION STUDIES 2**

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

Prerequisites: QCF111 or equivalent studies
Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3

► **QCF212 COMMUNICATION 2**

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

Prerequisites: QCF112 or equivalent studies

UNIT SYNOPSES

- Contact hours:** 5 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3
- **QCF220 ACCOUNTING 2**
 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
Prerequisites: QCF120 or equivalent studies
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3
- **QCF221 ECONOMICS 2**
 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
Prerequisites: QCF121 or equivalent studies
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3
- **QCF230 INFORMATION PROCESSING**
 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
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3
- **QCF240 LEGAL STUDIES**
 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; and an exploration of the theoretical basis of criminal law and an investigation of its operation in practice
Courses: QC01, QC02
Contact hours: 4 per week **Credit points:** 12
Campus: KG **Semester:** 1, 3
- **QCF252 LIFE SCIENCE**
 Examines the themes of life, macromolecules, metabolism, cell structure, cell processes, biological diversity, plant and animal physiology. Emphasises practical skills both in the laboratory and in the field.
Courses: QC01, QC02
Prerequisites: QCF153 or equivalent studies
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3
- **QCF253 PHYSICAL SCIENCES 2**
 Prepares students for tertiary studies in the applied sciences and provides a solid foundation in basic chemistry, physics and experimental techniques; acids - bases - neutralisation; oxidation reduction reactions - electrochemistry; reaction rates and chemical equilibrium; introduction of organic chemistry; physical quantities, units, vectors/scalars; kinematics, graphical analysis of motion; vector addition and subtraction; force, mass, weight; Newton's three laws; circular motion; gravitational force, work, energy; power; momentum, force impulse, collisions; angular quantities, kinematic equations for rotational motion; simple harmonic motion.
Courses: QC01, QC02
Prerequisites: QCF153 or equivalent studies
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3
- **QCF256 MATHEMATICS A2**
 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
Prerequisites: QCF156 or equivalent studies
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3
- **QCF257 Mathematics B2**
 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
Prerequisites: QCF157 or equivalent studies
Contact hours: 5 per week **Credit points:** 12
Campus: KG **Semester:** 1, 2, 3
- **QCS230 COMPUTING**
 Designed to give international students the computing ability to function in tertiary studies in Australia. The 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 **Semester:** 1, 2, 3
- **SCB222 EXPLORATION OF THE UNIVERSE**
 Introduction to optical observational astronomy; instrumentation; celestial sphere and astronomical coordinates, observations of constellations, stars, planets, clusters and other interesting celestial objects. Theory: 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.
Courses: ED50, IF71, SC01
Contact hours: 5 per week **Credit points:** 12
Campus: GP **Semester:** 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 **Semester:** 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 **Semester:** 1
- **SCB401 RESEARCH METHODS FOR DEAN'S SCHOLARS**
 Literature review; experimental design; research proposal formulation and writing; 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
Credit points: 12
Campus: GP **Semester:** 1, 2
- **SCB501-1 RESEARCH PROJECT FOR DEAN'S SCHOLARS**
 Individually tailored research project carried out under the supervision of a research mentor.
Courses: SC01 + SC60 (Dean's Scholars Accelerated Honours Program) **Credit points:** 24
Campus: GP **Semester:** 1, 2
- **SCB501-2 RESEARCH PROJECT FOR DEAN'S SCHOLARS**
 Individually tailored research project carried out under the supervision of a research mentor.
Courses: SC01 + SC60 (Dean's Scholars Accelerated Honours Program) **Credit points:** 24
Campus: GP **Semester:** 1, 2
- **SPB001 HUMAN DEVELOPMENT AND EDUCATION**
 Life span development for students interested in early childhood, primary or secondary. 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
- **SPB002 PSYCHOLOGY OF LEARNING AND TEACHING**
 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
- **SPB003 TEACHING CHILDREN WITH LOW INCIDENCE DISABILITIES AND HEALTH PROBLEMS**
 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); methods of managing associated disabling conditions; implementation and evaluation of programming; support and referral services.
Courses: ED37, ED43, ED50, ED51, ED52, ED54, ED55, ED91, ED82, IF70-79
Prerequisites: SPB001, SPB002
Contact hours: 3 per week **Credit points:** 12
- **SPB004 TEACHING STUDENTS WITH LEARNING DIFFICULTIES**
 Integrates a basic understanding and application of learning theory as it applies to exceptional populations. Focuses on approaches to teaching particular exceptional groups. 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, ED91, ED82, IF70-79
Prerequisites: 48 credit points of Education Studies including SPB001, SPB002
Contact hours: 3 per week **Credit points:** 12
- **SPB006 EDUCATIONAL COUNSELLING**
 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. Compulsory study school for External students. Incompatible with studies in Counselling or equivalent at Diploma of Teaching level.
Courses: ED 13, ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED61, ED47, ED91, ED82, IF70-79
Contact hours: 3 per week **Credit points:** 12

UNIT SYNOPSES

► SPB007 HUMAN SEXUALITY AND LEARNING

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. Implications for school, community, and healthcare workers and educators, with emphasis on the former.

Courses: ED26, ED43, ED50, ED51, ED52, ED54, ED55, ED91, ED82, IF70-79

Contact hours: 3 per week **Credit points:** 12

► SPB008 THE MIDDLE YEARS OF SCHOOLING

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 focussing 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: ED26, ED50, ED51, ED55, ED91, ED82, IF70-79

Contact hours: 3 per week **Credit points:** 12

► SPB009 RESEARCH METHODS IN EDUCATION

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

► SPB010 EDUCATION, LAW AND THE BEGINNING TEACHER

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, ED91, ED82, IF70-79

Contact hours: 3 per week **Credit points:** 12

► SPB011 LEARNING/TEACHING ENVIRONMENTS

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

► SPB012 CLASSROOM AND BEHAVIOUR MANAGEMENT

Reviews and extends knowledge about managing learners to meet their needs in purposive and responsive learning environments. A reflective and research oriented evaluation of topics is encouraged, including managerial, environmental and educational conceptions of developing positive relations, teaching for motivation, and contemporary models, structures and frameworks for decision-making, relating to co-operative learning environments.

Courses: ED43, ED50, ED51, ED52, ED54, ED55, ED91, ED82, IF70-79

Contact hours: 3 per week **Credit points:** 12

► SPB013 PROGRESSIVE STRATEGIES FOR GENERAL AND VOCATIONAL EDUCATION

The interface between general and vocational education is an issue faced by teachers in all educational systems as schools adopt and present programs in areas which were formerly the domain of TAFE. Familiarity with developments

such as the competencies movements and competency based assessment, National Standards and Frameworks, are but a few of the recent educational developments impinging on the profession of teaching. This unit promotes understanding of the principles of convergence, and the meaning and interpretation of competence in practice from both a national and international perspective. Strategies which enable students to plan, implement and assess work programs in a manner consistent with contemporary educational thought are explored.

Courses: ED26, ED50, ED54, ED55, IF70-79

Contact hours: 3 per week **Credit points:** 12

► SPB015 GETTING IT ALL TOGETHER: TEACHERS- PROFESSIONAL WORK IN THE DIFFERING CONTEXTS OF THE PRIMARY CLASSROOM

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

► SPB016 TEACHERS AND THE CURRICULUM

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

► SPB017 CLASSROOM MANAGEMENT: MODELS AND PRACTICE

Practical and research-based approaches to classroom management and discipline for teachers. Includes techniques that motivate pupils in daily teaching, rule development, teaching for responsibility, dealing with parents and communication and settings for on-task behaviour and meeting student needs.

Courses: ED26, ED43, ED50, ED51, ED53, ED55 ED61, IF70-79

Contact hours: 3 per week **Credit points:** 12

► SPB018 TEACHING STRATEGIES

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, ED91, ED82, IF70-79

Contact hours: 3 per week **Credit points:** 12

► SPB019 INTRODUCTION TO EDUCATIONAL ADMINISTRATION

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

► SPB020 CLASSROOM ASSESSMENT PRACTICES

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: ED26, ED43, ED50-55, ED61

Contact hours: 3 per week **Credit points:** 12

► SPB022 THE MIDDLE YEARS CURRICULUM

This unit will enable 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

► SPB023 ADULT LEARNING AND DEVELOPMENT

The psychological foundations of human learning and development 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 will be explored.

Courses: ED54, ED26

Contact hours: 3 per week **Credit points:** 12

► SPB024 ACQUISITION AND ADAPTABILITY OF WORKPLACE KNOWLEDGE AND SKILLS

Explores the underlying theoretical constructs which may enhance the acquisition of knowledge and skills. In accord with the National Training Reform Agenda, issues such as multiskilling, contextualised learning, intervention to accelerate performance, and transfer of knowledge and skill are addressed.

Courses: ED54

Contact hours: 3 per week **Credit points:** 12

► SPB025 THE INDIVIDUAL IN ADULT AND WORKPLACE EDUCATION

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 positive learning environments and evaluating outcomes in terms of individual learners.

Courses: ED54, ED26

Contact hours: 3 per week **Credit points:** 12

► SPB026 ADULT EDUCATION IN THE WORKPLACE AND COMMUNITY

The nature of all common forms of adult education, with particular emphasis on workplace and community settings; analyses key concepts and views of leading adult educators, and relates them to current attempts in Australia to provide effective forms of post-compulsory education and training.

Courses: ED54, ED26, ED61

Contact hours: 3 per week **Credit points:** 12

► SPB027 ORIENTATION TO ADULT AND WORKPLACE PROGRAMS

Basic concepts in curriculum and curriculum processes for contemporary adult, workplace and community education. The nature of programs; investigating needs, competencies and outcomes; planning learning opportunities; participant assessment and program evaluation.

Courses: ED54, ED26, ED61

Contact hours: 3 per week **Credit points:** 12

► SPB028 THE GROUP IN ADULT AND WORKPLACE EDUCATION

Introduction to the theory relating to groups and explores processes which occur in adult groups. Participants deal with practical applications for educational settings, with special emphasis on developing facilitating skills.

Courses: ED54, ED26, ED61

Corequisites: SPB029

Contact hours: 3 per week **Credit points:** 12

► SPB029 INSTRUCTIONAL STRATEGIES FOR ADULT AND WORKPLACE EDUCATION

Exploration of theories and practices related to effective instructional strategies in diverse settings; 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

Contact hours: 3 per week **Credit points:** 12

► SPB030 PROGRAMMING IN ADULT AND WORKPLACE EDUCATION

Important aspects of responsive programming for adult and workplace education. Covers the planning implementation, evaluation and reflection components of program development, design and delivery.

UNIT SYNOPSES

Courses: ED54, ED26 **Prerequisites:** SPB029
Contact hours: 3 per week **Credit points:** 12

► **SPB031 LAW IN THE ADULT AND WORKPLACE ENVIRONMENT**

Recent legal and legislative developments mean that employers and employees require greater awareness of their legal responsibilities in all workplace environments. This unit provides a level of legal literacy appropriate to sound legal risk management in workplace settings.

Courses: ED54

Contact hours: 3 per week **Credit points:** 12

► **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 will assist the adult and workplace educator to explore, analyse and apply strategic planning and HRM processes within diverse organisational contexts. Emphasis will be 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

► **SPN600 LEARNERS AND TEACHERS IN CONTEXT**

Introduction to course themes of the teacher as researcher and critically reflective practitioner; development of a variety of case study, experiential learning and research methodologies to investigate the nature of the learner and the learning process within a variety of social and cultural contexts; exploration of human development, individual differences, and the factors which can influence effective learning and teaching; the relationship of all of the above to Areas of Specialisation (Early Childhood, Primary, Secondary).

Courses: ED17, ED18, ED19

Contact hours: 5-6 per week **Credit points:** 24

► **SPN601 TEACHING STUDIES**

Introduces students to contemporary approaches to the curriculum and key learning areas, as well as provides the practical skills and understandings necessary for managing and promoting learning in a wide range of contexts.

Courses: ED17, ED18, ED19

Contact hours: 3 per week **Credit points:** 12

► **SPN602 PROFESSIONAL TEAMING, CASE AND PROJECT IMPLEMENTATION**

This unit focuses on the transition from pre-service student to qualified professional. The unit will provide an opportunity for refinement of knowledge, skills and understandings gained in previous semesters, and assist students to become independent, collaborative and reflective professionals.

Courses: ED17, ED18, ED19

Contact hours: 5-6 per week **Credit points:** 24

► **SPN603 INTERDISCIPLINARY PRIMARY CURRICULUM STUDIES**

The unit is designed to consolidate and expand students' developing understandings and capacities associated with classroom teaching, program planning, implementation and evaluation, and student assessment and reporting in specific key learning areas. It will also consolidate their curriculum understandings in the key learning areas with a view to ensuring that holistic, cross-curriculum, student responsive planning and teaching will occur as an integral part of each teacher's professional curriculum work in the primary context.

Courses: ED18

Prerequisites: SPN601

Contact hours: 3 per week **Credit points:** 12

► **SPN604 ISSUES IN CURRENT PROFESSIONAL PRACTICE**

In response to the rapidly changing political, cultural and social contexts within which education generally and schools in particular are operating, teachers need to re-think their roles and responsibilities and re-shape their relationships

with students and the community. Major issues emerging include: sustainable social practice in a diverse cultural society, changing school structures such as site-based management, an increasing focus on student learning outcomes and the inter-relationship between curriculum changes and community expectations of schools. This unit contributes to the student's understanding of this changing context by addressing these issues at a theoretical level while challenging students to reflect upon implications of these changing co

Courses: ED17, ED18, ED19

Contact hours: 3 per week **Credit points:** 12

► **SPN605 CHANGE, EVALUATION AND ACCOUNTABILITY IN EDUCATIONAL CONTEXTS**

This unit gives particular attention to the development of understandings and capacities relating to curriculum planning; assessment, evaluation and reporting; accountability; and to the need to be inclusively responsive to the diverse range of student backgrounds, abilities and aspirations. It examines relevant influences within a context of change as a basis for a more informed and critically aware understanding of where teachers and their professional work fit.

Courses: ED17, ED18, ED19

Contact hours: 3 per week **Credit points:** 12

► **SPN610 ADVANCED EDUCATIONAL COUNSELLING**

The major theoretical approaches to counselling are applied to problems and concerns arising in the educational context. Theories outlined include Psychoanalytic, Adlerian, Existential, Person-Centred, Gestalt, Transactional Analysis, Behaviour, Rational-Emotive, and Reality. Skills and techniques associated with each major theory will be presented and related to educationally based problems and concerns. The effects and outcomes of counselling interventions will be investigated and ethical issues will be addressed.

Courses: ED13, ED11, ED61

Prerequisites: LEB441, SPB006

Credit points: 12 **Incompatible with:** LEB442

► **SPN611 EDUCATIONAL COUNSELLING PROFESSIONAL PRACTICE**

Professional practices of educational counsellors working in the P-12 context; intervention, prevention, affective, and developmental programs discussed; adolescent issues and career counselling outlined; consultation: models, theories and practices; self-management skills highlighted: time management, program evaluation, accountability and decision-making discussed.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **SPN612 PSYCHOEDUCATIONAL ASSESSMENT**

Assessment techniques and strategies; assessment of intelligence, academic skills, aptitude, personality; reliability, validity, test construction and standardisation procedures; the process of administering assessment instruments; interpretation of test results and assessment data; using assessment data in programming and placement.

Courses: ED13, ED11, ED28 **Credit points:** 12

► **SPN613 LEARNERS WITH SPECIAL NEEDS: PROGRAMMING FOR INCLUSIVE EDUCATION**

Special educational needs of children in early childhood, school (P-12) and post-secondary settings arising from physical, cognitive, behavioural and sociocultural differences; developmental screening; diagnosing student functioning in cognitive, social-emotional, self-help and motor skill areas; programming and curriculum decision making for children with special needs; techniques of formative and summative assessment appropriate to student learning needs; strategies for inclusive education; roles and models of support and advisory personnel including in-service strategies.

Courses: ED13, ED11

Credit points: 12

► **SPN614 TEACHING STUDENTS WITH LEARNING DIFFICULTIES/ DISABILITIES**

Teachers should view students as individuals who require different kinds of support and not as educational failures. Competing models for ex-

plaining the aetiology and characteristics of learning/literacy difficulties are evaluated and their educational implications explored. Students who experience difficulties must be given support especially in key areas such as literacy development. Governments are encouraged to offer support on the grounds of equity for individuals as well as long term economic benefits to the community.

Courses: ED13, ED11 **Campus:** KG, EXT

► **SPN615 EDUCATIONAL INTERVENTION FOR CHALLENGING BEHAVIOUR IN THE CLASSROOM**

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 will be addressed for the school and classroom and more specialised skills and strategies that may be utilised with challenging behaviour will be examined.

Courses: ED13, ED61

Credit points: 12

► **SPN616 BEHAVIOUR MANAGEMENT: PROGRAMS AND PLANNING**

Present behaviour management interventions for implementation in the supportive school environment. Skills of consultation and negotiation will be developed to enable dissemination to the broader educational community. Severe and aggressive behavioural problems will be investigated and interventions determined. Emphasis will be on the development, implementation, evaluation, and maintenance of appropriate interventions.

Courses: ED13, ED61, ED11 **Credit points:** 12

► **SPN617 ISSUES IN CLASSROOM MANAGEMENT**

Provides an overview of the domain and research on the various approaches to dealing with the prevention and management of behaviour difficulties in the school setting. These approaches include proposals for change in the structures of the school or education system, curricular strategies and methods of dealing with more difficult emotional or behavioural problems. The main emphasis of this unit however is an analysis of current management theories and the implications of these for school and classroom practice.

Courses: ED11, ED13, ED61

Contact hours: 3 per week **Credit points:** 12

► **SPN618 CAREER DEVELOPMENT PROGRAMS**

Focus on career planning as a lifelong process, emphasising that education and guidance programs focus on skill development for repeated decision-making throughout the life span. It will explore the complementary relationship between career education and career guidance.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **SPN619 CAREER THEORY**

Focus on a review of the theoretical perspectives that have influenced work in the area of career development. Recent attempts at integrating this diverse body of literature will be presented. Students will be encouraged to develop their own position on the relevance of career theory to their practice and present their theoretical stance.

Courses: ED11, ED13, ED61 **Credit points:** 12

► **SPN620 CAREER COUNSELLING**

Aims to provide theoretical knowledge and practical skills relevant to career counselling which will enable students to effectively assist people to make appropriate career decisions.

Courses: ED13, ED61

Prerequisites: SPB006 or SPN610

Credit points: 12

► **SPN621 ADULT AND WORKPLACE EDUCATION: PRINCIPLES AND PRACTICES**

The ethical basis, the contextual basis and the expert knowledge of adult and workplace education are explored through the themes of conceptualisation, teaching adults, change, flexible delivery, assessment and legal risk management. This will provide an extensive basis for further work, including research, in the area.

Courses: ED13, ED11

Contact hours: 3 per week **Credit points:** 12

► **SPN622 LEGAL RISKS MANAGEMENT AND WORKPLACE EDUCATION**

The legal environment facing workplace educators is becoming evermore complex with significant increases in legislation and precedents arising from decisions reached in civil and industrial courts. This unit is based on a perception of workplace educators needing a level of legal literacy sufficient to recognise rights and responsibilities that will enable them, in collaboration with other specialists, to implement appropriate legal risk management strategies.

Courses: ED13, ED11 **Credit points:** 12

► **SPN623 STRATEGIC WORKPLACE EDUCATION AND THE LEARNING ORGANISATION**

Examines the effect of the organisational market niche and other influences on strategic decision-making in workplace education. In addition, the literature on learning organisations and organisational learning is expanding rapidly and this discourse needs to be examined in the light of its strategic dependence and influence. This unit will be conducted using the self-directed methodology of contract learning.

Courses: ED13, ED11, ED61

Corequisites: SPN621

Contact hours: 3 per week **Credit points:** 12

► **SPN624 FOUNDATIONS OF ADULT LEARNING AND DEVELOPMENT**

Provides students with an opportunity to develop an understanding of the complex nature of the adult learning and development process. This is achieved by exposing students to contemporary theories and strategies in adult learning and development and extending their knowledge to the adult and workplace environment. Key concepts such as the motivation, self-directed learning and knowledge construction are addressed. Special emphasis is placed on transferring the theory to practice.

Courses: ED13, ED11, ED61

Contact hours: 3 per week **Credit points:** 12

► **SPN625 CHANGING AGENDAS IN LEADERSHIP**

Addresses differing approaches to the study of leadership and management, and the dilemmas of responding to rapidly changing contexts. Issues such as school-based management, quality management, teachers as leaders are raised. The unit aims to enhance an understanding of leadership and provide a broad base for other work in the leadership and management area of interest.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **SPN626 LEADING AND MANAGING PEOPLE**

A brief overview of changing views of leadership leads to seven themes of significance for leaders in the new organisation including the learning organisation, multiple leadership, site-based management, globalisation and internationalisation, leaders and the law, leadership and equity issues, career management.

Courses: ED13, ED11, ED61 **Credit points:** 12

Incompatible with: PRN630, PRN631, PRN632

► **SPN627 POLICY DEVELOPMENT AND ANALYSIS**

Concentrates on developing understandings in students regarding leaders of change processes within organisations. Themes covered include the changing nature of organisations, organisational culture, organisational values, ethics and ethical leadership, communication, relationship building, the change process, leading the change process, accountability and organisational improvement.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **SPN628 LEADERSHIP FOR CHANGE**

Commences by orienting students towards key aspects of human resource management in organisations, including an investigation of the nature of work for workers in the post-corporate world and provides a general framework for leading and managing people within this challenging and changing context.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **SPN629 CURRENT ISSUES IN LEADERSHIP**

Themes considered include the nature of policy, the notion of policy trends or policy agendas, policy analysis, issues of development and implementation, the relationship between policy and long-term social changes.

Courses: ED13, ED11, ED61 **Credit points:** 12

► **SPN630 LEARNING, TEACHING AND SUPERVISION**

Provides students with an excellent opportunity to develop an advanced understanding of learning and implications for teaching in their context. Students will be introduced to recent research on the nature of learning, meta-learning, epistemological beliefs in such a way that they critique their own practices.

Courses: ED11, ED13

Prerequisites: SPN617

Credit points: 12

► **SPN633 CRITICAL FRAMEWORKS FOR ANALYSING THE MIDDLE YEARS OF SCHOOLING**

Contextualises and conceptualises the key issues impacting on young adolescents engaged in the middle years of schooling. Focuses on a critical analysis of the origins and development of 'middle schooling' as concept and practice. Students will develop an understanding of ways in which the 'story' of middle schooling can be told from different standpoints, and of ways in which the assumptions, principles, aims and practices of middle schooling can be celebrated, endorsed, critiqued and contested. Students should begin to refine their own standpoints in relation to education generally and to the middle-compulsory years of schooling in particular. They could then take those standpoints into their studies of subsequent units, where the standpoints could be unset

Courses: ED13

Contact hours: 3 per week **Credit points:** 12

► **SPN634 RETHINKING PROGRAMS AND PEDAGOGIES: THE MIDDLE YEARS OF SCHOOLING**

Develop programs and pedagogies in the middle years of schooling. A research orientation that focuses on recent initiatives to make curriculum organisation, programming, teaching and learning, and evaluation more responsive to the developmental needs and interests of young adolescents. The four modules relate to the reform agendas being advocated by the middle years of schooling movement, including integrative curriculum, appropriate pedagogies, responsive programming and evaluation and off-site learning.

Courses: ED13

Credit points: 12

► **SPN635 ASSESSMENT AND REPORTING IN THE MIDDLE YEARS OF SCHOOLING**

Focuses on recent initiatives to make assessment, recording and reporting student learning in a middle years context more responsive to the developmental needs and interests of young adolescents while at the same time encouraging educators to critically analyse and research what is espoused to be more flexible, responsive and collaborative assessment and reporting systems.

Courses: ED13

Credit points: 12

► **SPP500 LEARNERS WITH SPECIAL NEEDS**

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

► **SPP501 CONSULTATION AND COMMUNICATION**

Aims to provide 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 will be 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**

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 will be reviewed and appropriate methods for programming for students with special learning needs will be addressed. Key issues considered are consultation and collaboration between regular and support teachers.

Courses: ED28, ED61

Credit points: 12

► **SPP503 LITERACY AND LEARNING**

Review of significant learning difficulties/disabilities among learners in schools (Years 1-12) 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**

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; communication about improved programs.

Courses: ED28

Credit points: 12